Conceptronic C150BRS4 versie 2.0

Snelstartgids

Gefeliciteerd met uw nieuwe Conceptronic 150N Wireless Router

In deze snelstartgids vindt u stap-voor-stap instructies voor de installatie van de Conceptronic C150BRS4.

Als u meer informatie of ondersteuning voor uw product nodig heeft, kunt u het beste naar onze **Service & Support** website op **www.conceptronic.net** gaan en een van de volgende mogelijkheden kiezen:

- **FAQ** : Database met veel gestelde vragen
- **Downloads** : Gebruiksaanwijzingen, stuurprogramma's, firmware en overige downloads
- **Contact** : Contact opnemen met Conceptronic Support

Voor algemene informatie over Conceptronic producten gaat u naar de Conceptronic website op **www.conceptronic.net**.

De informatie in deze snelstart installatiegids is gebaseerd op Windows 7 en Windows Vista en kan dus afwijken van het gebruik op uw computer als deze een ander besturingssysteem heeft.

NB: In deze snelstartgids vindt u alleen de basisstappen om de C150BRS4 in gebruik te nemen. Zie voor meer informatie over de functies en mogelijkheden van de C150BRS4 de gebruiksaanwijzing (User's Manual, uitsluitend in het Engels) op de meegeleverde product-cd. Wacht tot het startmenu is gestart en selecteer **'View User Manual'** (gebruiksaanwijzing bekijken).

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NEDERLANDS

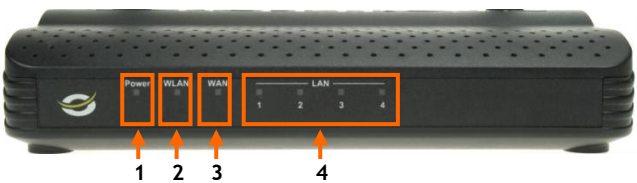
1. Inhoud verpakking

U vindt de volgende items in de verpakking van de Conceptronic 150N Wireless Router:

- Conceptronic C150BRS4 – 150N Wireless Router
- Netvoeding 12V gelijkstroom, 0.5A
- Netwerkkabel
- Product-cd
- Deze meertalige snelstart installatiegids
- Garantiekaart en boekje CE-verklaring

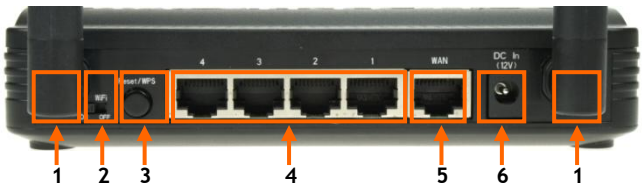
2. De onderdelen van de C150BRS4

2.1 Voorpaneel



Nr.	Beschrijving	Status	Betekenis status
1.	Aan/uit-lampje	**UIT** **AAN**	Het apparaat staat uit Het apparaat staat aan
2	WLAN/WPS-lampje	**UIT** **AAN - CONTINU** **AAN - KNIPPERT**	Draadloos netwerk staat uit WPS-functie voor draadloos netwerk staat aan Er worden gegevens ontvangen/verzonden via de draadloze verbinding
3.	WAN-lampje	**UIT** **AAN - CONTINU** **AAN - KNIPPERT**	WAN-poort (internet) is niet verbonden WAN-poort is verbonden Er worden gegevens ontvangen/verzonden via de WAN-poort
4	LAN-lampjes (1, 2, 3, 4)	**UIT** **AAN - CONTINU** **AAN - KNIPPERT**	LAN-netwerkpoort (locaal netwerk) is niet verbonden LAN-netwerkpoort is verbonden Er worden gegevens ontvangen/verzonden via de LAN-netwerkpoort

2.2 Achterpaneel



Nr.	Beschrijving	Betekenis
1	Antennes (2x)	Twee vaste antennes voor draadloze verbindingen
2	Radio aan/uit-schakelaar	Radio voor draadloze verbindingen aan- of uitzetten
3	Reset/WPS-knop	WPS-functie aanzetten (kort indrukken) of resetten (ingedrukt houden)
4	LAN-poorten (1-4)	Hier sluit u computer(s)/netwerkapparatuur aan op de router
5	WAN-poort	Hier sluit u uw breedband internetmodem aan op de router
6	Stroomingang	Hier sluit u de netvoeding aan op de router

3. Kabels aansluiten

Sluit de netvoeding aan op de stroomingang aan de achterkant van de C150BRS4 en op een stopcontact.
Het aan/uit-lampje aan de voorkant van de C150BRS4 gaat aan.

3.1 WAN-poort

Verbind de C150BRS4 via een netwerkkabel met uw breedband internetmodem.
Het WAN-lampje aan de voorkant van de C150BRS4 gaat aan.

NB: Als het WAN-lampje aan de voorkant van de C150BRS4 niet aan gaat, moet u ervoor zorgen dat:
- de C150BRS4 aan staat (aan/uit-lampje brandt),
- uw breedband internetmodem aan staat,
- de netwerkkabel tussen de twee apparaten goed is aangesloten.

3.2 LAN-poort(en)

Sluit een netwerkkabel aan op een van de vier LAN-poorten aan de achterkant van de C150BRS4 en op de netwerkaansluiting van uw computer.
Het LAN-lampje van de gebruikte LAN-poort gaat branden om aan te geven dat er verbinding is met de computer. (Uw computer moet zijn opgestart en de LAN-aansluiting van de computer moet zijn ingeschakeld.)

4. Computer configureren

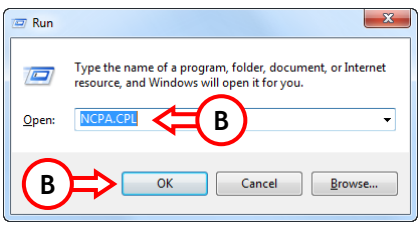
4.1 IP-adres instellen

De C150BRS4 heeft een ingebouwde DHCP-server. De DHCP-server kent automatisch een IP-adres toe aan iedere aangesloten computer als de netwerkverbinding van de betreffende computer is ingesteld om automatisch een IP-adres te laten toewijzen.

De meeste computers zijn standaard zo geconfigureerd dat ze zich automatisch een IP-adres laten toewijzen. Wanneer dit niet het geval is, moet u de computer configureren om automatisch een IP-adres te laten toewijzen door de onderstaande aanwijzingen op te volgen.

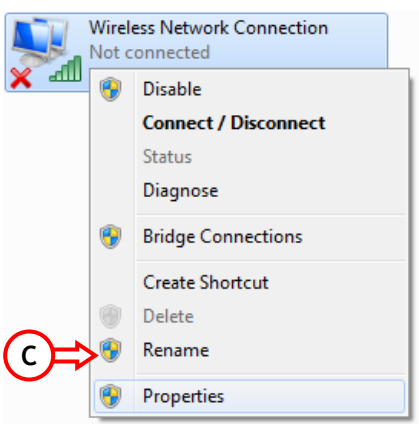
A. Klik op de **'Start'**-knop van Windows en selecteer **'Alle programma's'**, **'Bureau-accessoires'**, **'Uitvoeren'**.

B. Geef de opdracht **'NCPA.CPL'** in en klik op **'OK'**.



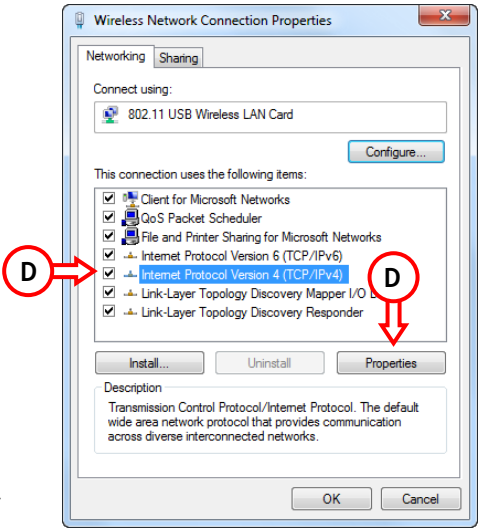
Het venster **'Netwerkverbindingen'** wordt getoond.

C. Klik met de rechter muisknop op **'LAN-verbinding'** of **'Draadloze netwerkverbinding'** (afhankelijk van de gebruikte aansluiting) en selecteer **'Eigenschappen'**.



Het eigenschappenvenster van de gekozen netwerkaansluiting (LAN of draadloos) wordt getoond.

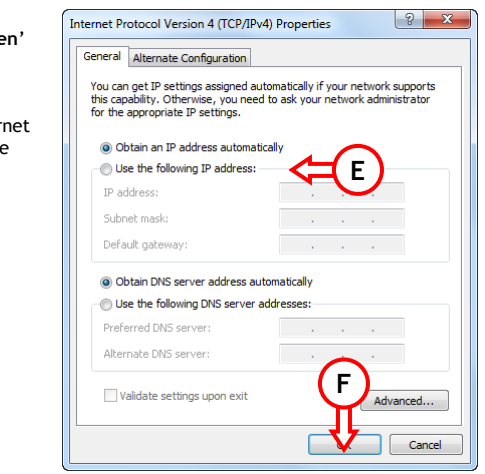
D. Selecteer **'Internet Protocol versie 4 (TCP/IPv4)'** en klik op **'Eigenschappen'**.



Het eigenschappenvenster van Internet Protocol versie 4 (TCP/IPv4) wordt getoond.

E. Kies in het eigenschappenvenster voor **'Automatisch een IP-adres laten toewijzen'** en klik op **'OK'** om de instellingen op te slaan.

F. Klik in het eigenschappenvenster van Internet Protocol versie 4 (TCP/IPv4) op **'OK'** om de instellingen op te slaan.



4.2 Verbinding controleren

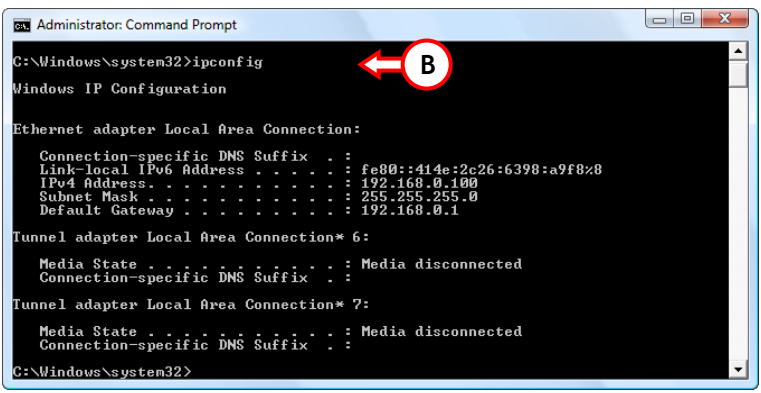
Met de **'Opdrachtprompt'** van Windows kunt u nagaan of uw netwerkaansluiting (via kabel of draadloos) een correct IP-adres heeft gekregen. Het volgende voorbeeld is gebaseerd op Windows 7 en op Vista met Service Pack 1. Om de onderstaande stappen te kunnen uitvoeren, moet u onder Windows 7 en Vista over administrator-toegangsrechten beschikken.

A. Klik op de **'Start'**-knop van Windows en selecteer **'Alle programma's'** gevolgd door **'Bureau-accessoires'**, klik met de rechter muisknop op **'Opdrachtprompt'** en selecteer **'Als administrator uitvoeren'**.

Als u een waarschuwing krijgt, moet u deze accepteren door op **'Verder gaan'** of **'Ja'** te klikken.

Het venster Opdrachtprompt verschijnt. Controleer of de titelbalk van het opdrachtpromptvenster aangeeft: **'Administrator: Opdrachtprompt'**. Wanneer **'Administrator'** niet wordt aangegeven, heeft u niet de administrator-rechten die u nodig heeft voor de volgende stappen en moet u stap **A** opnieuw uitvoeren.

B. Geef de opdracht **'IPCONFIG'** in en druk op **'ENTER'** op uw toetsenbord.



U moet nu de volgende informatie zien:

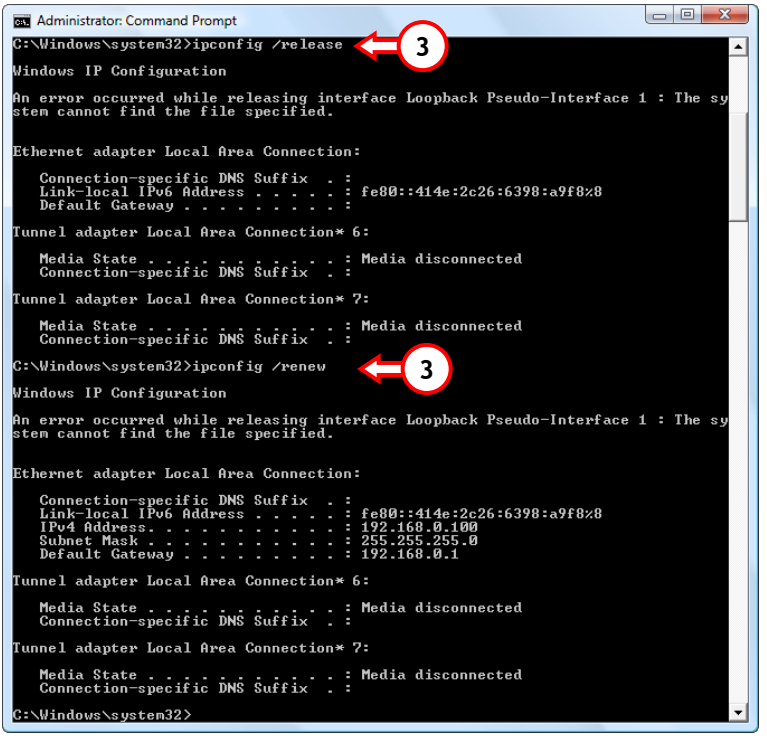
IPv4-adres	**: 192.168.0.xxx** (**xxx** is een getal tussen **100 en 199**)
Subnetmasker	**: 255.255.255.0**
Standaardgateway	**: 192.168.0.1**

Als de getoonde informatie overeenkomt met het bovenstaande, kunt u verdergaan met de configuratie van het apparaat in **hoofdstuk 5**.

Als de getoonde informatie niet overeenkomt met het bovenstaande (bijv. als uw IP-adres 169.254.xxx.xxx is), moet u de volgende stappen uitvoeren:

Haal de stroomkabel uit de router en doe hem er weer in.

1. Verwijder de netwerkkabel tussen de router en uw computer en sluit de netwerkkabel opnieuw aan.
2. Vernieuw het IP-adres van uw computer door middel van de volgende opdrachten in de Opdrachtprompt:
   IPCONFIG /RELEASE : om een incorrect IP-adres weer vrij te geven.
   IPCONFIG /RENEW : om het IP-adres te vernieuwen.



Als u het probleem met het IP-adres niet kunt oplossen met de bovenstaande stappen, kunt u de standaard fabrieksinstellingen herstellen met behulp van de reset-knop aan de achterkant van het apparaat.
Houd de reset-knop ingedrukt tot het aan/uit-lampje begint te knipperen (ca. 10 seconden). De router start nu automatisch opnieuw op en de standaard fabrieksinstellingen worden teruggezet. Wanneer het statuslampje weer continu brandt, herhaalt u **stap B** om uw IP-adres te vernieuwen.

NB: Als het probleem blijft terugkomen, controleer dan of alle kabels goed zijn aangesloten. De WAN-poort hoort op uw breedband internetmodem te zijn aangesloten en de LAN-poort op de computer. Als u de kabels niet goed aansluit, krijgt u geen correct IP-adres.

5. C150BRS4 configureren

In dit hoofdstuk leest u hoe u de C150BRS4 kunt configureren met de ingebouwde installatiewizard. Wanneer de stappen uit dit hoofdstuk zijn uitgevoerd, zijn de belangrijkste functies van uw router ingesteld.

5.1 Aanmelden

De configuratie van de C150BRS4 is webgebaseerd. Dit betekent dat u de instellingen van de C150BRS4 kunt veranderen vanaf iedere ermee verbonden computer die over een internetbrowser beschikt.

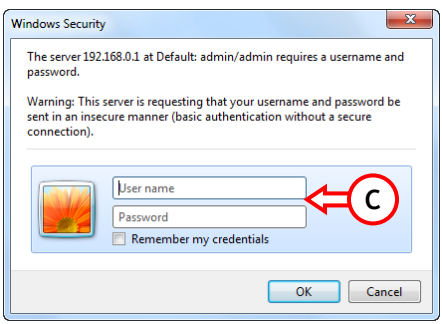
NB: We raden u aan geen draadloze verbindingen te gebruiken terwijl de instellingen van de C150BRS4 worden aangepast, omdat bij wijzigen van bepaalde instellingen bestaande verbindingen worden verbroken. Daarom raden we u met klem aan hiervoor een computer te gebruiken die met een netwerkkabel op de C150BRS4 is aangesloten.

Om u bij de C150BRS4 aan te melden, voert u de volgende stappen uit:

A. Start uw internetbrowser (zoals: Internet Explorer, Firefox, Safari of Chrome).

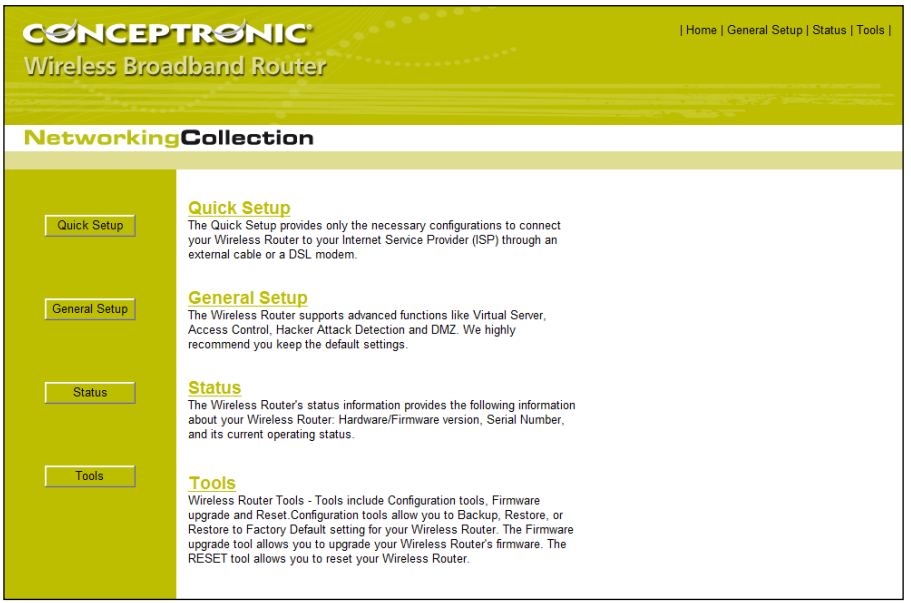
B. Geef het IP-adres van de router in in de adresbalk van uw internetbrowser.
Standaard: **http://192.168.0.1/**

Nu verschijnt een aanmeldvenster waarin om een gebruikersnaam en wachtwoord wordt gevraagd.



C. Geef de gebruikersnaam en het wachtwoord in en klik op '**OK**' om de webgebaseerde configuratie te starten.
Standaard gebruiksersnaam : **admin**
Standaard wachtwoord : **admin**

Wanneer de gebruikersnaam en het wachtwoord correct zijn, toont de router de hoofdpagina:



Van de hoofdpagina kunt u gemakkelijk een van de vier belangrijke opties van de C150BRS4 webconfiguratie kiezen:

- **Quick Setup** (Snelle installatie): De C150BRS4 snel instellen voor eerste gebruik (zie **hoofdstuk 5.2**)
- **General Setup** (Algemene installatie): Geavanceerde instellingen aanpassen (zie **hoofdstuk 5.3**)
- **Status**: De status van de router, verbonden clientapparaten en logbestanden bekijken
- **Tools** (Extra): Instellingen opslaan, firmware bijwerken of router herstarten

NB: Het is altijd mogelijk de belangrijke opties (behalve Quick Setup) te kiezen via de keuzes rechtsboven op de pagina. U kunt ook naar de hoofdpagina teruggaan door op '**Home**' te klikken.

5.2 Wizard voor snelle installatie

De '**Quick Setup**' wizard leidt u stap voor stap door de basisinstellingen van de C150BRS4.

NB: Voordat u met de '**Quick Setup**' wizard begint, moet u zorgen dat u alle informatie over uw internetaansluiting bij de hand heeft.
Bijvoorbeeld: verbindingstype, accountgegevens, etc.

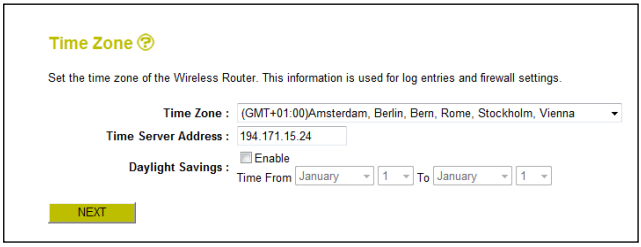
NB: In dit hoofdstuk geldt het volgende: als u niet weet welke instelling u moet kiezen voor uw internetverbinding of als u de juiste informatie niet heeft, moet u de documentatie van uw internetverbinding raadplegen of contact opnemen met uw internetprovider.

A. Klik op de hoofdpagina op '**Quick Setup**'.

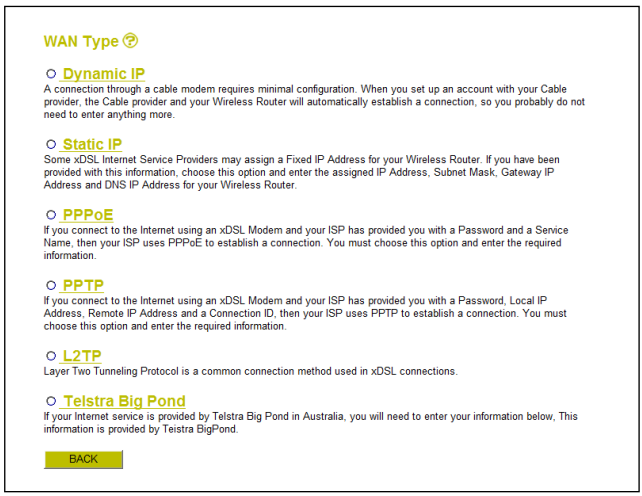
B. Uit het oogpunt van systeembeheer is het buitengewoon belangrijk dat bij de gebeurtenissen in het logbestand de juiste datum/tijd wordt aangegeven.

Selecteer de juiste tijdzone en wijzig desgewenst het adres van de time server (tijdserver) en/of schakel daylight savings time (zomertijd) in.

Klik daarna op de knop '**Next**' (Volgende) om door te gaan.



C. Selecteer het WAN Type (type internetverbinding) dat overeenkomt met de gegevens van uw provider.

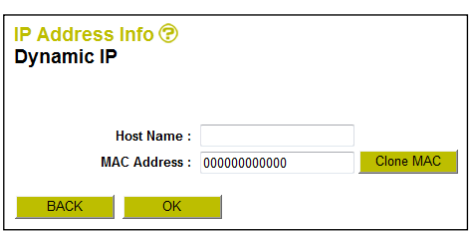


1. Dynamic IP

Sommige providers hebben een specifieke Host Name voor hun verbindingen. Als dit van toepassing is op uw aansluiting, moet u hier de Host Name ingeven.

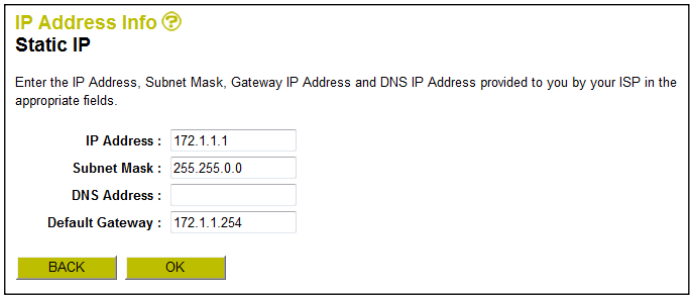
Sommige providers staan slechts 1 specifiek MAC-adres toe verbinding met internet te maken. Als dat voor u het geval is, kunt u ofwel het MAC-adres klonen van de computer waarmee u verbinding heeft gemaakt met internet (door op de knop **'Clone MAC'** te klikken), ofwel het MAC-adres handmatig ingeven.

Klik daarna op de knop **'OK'** om verder te gaan.



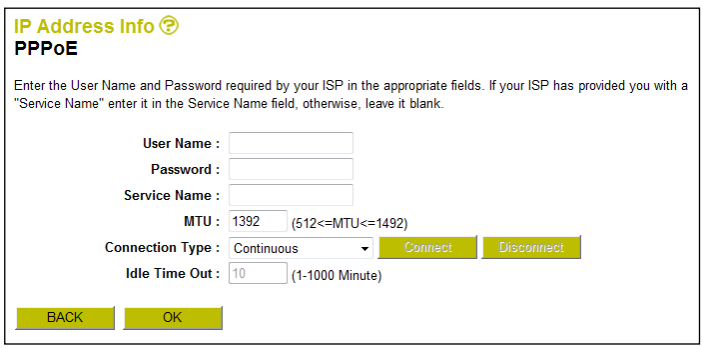
2. **Static IP**
   Geef in de betreffende velden de statische IP-instellingen in die u van uw provider heeft gekregen.

   Klik daarna op de knop '**OK**' om verder te gaan.



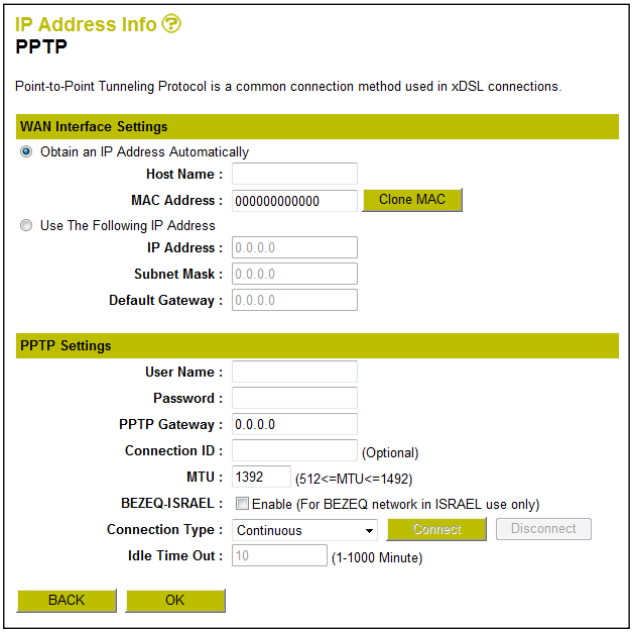
3. **PPPoE**
   Geef in de betreffende velden de PPPoE-instellingen in die u van uw provider heeft gekregen.

   Klik daarna op de knop '**OK**' om verder te gaan.



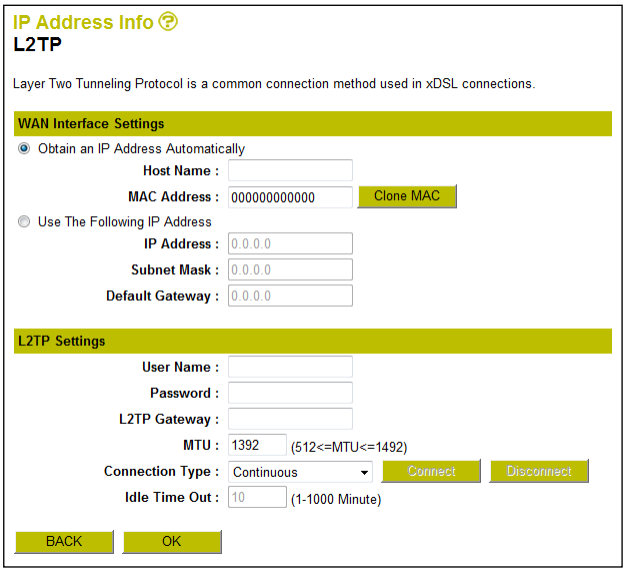
4. **PPTP**
   Geef in de betreffende velden de PPTP-instellingen in die u van uw provider heeft gekregen.

   Klik daarna op de knop '**OK**' om verder te gaan.



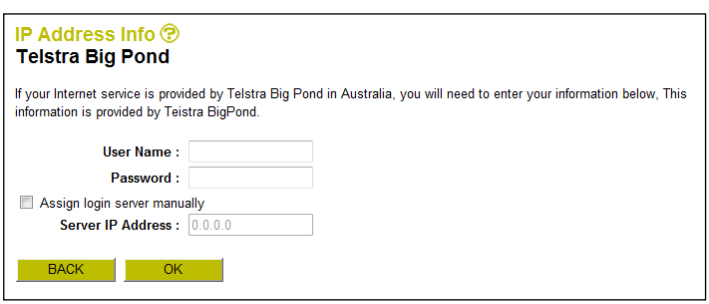
5. **L2TP**
   Geef in de betreffende velden de L2TP-instellingen in die u van uw provider heeft gekregen.

   Klik daarna op de knop **'OK'** om verder te gaan.



6. **Telstra Big Pond**
   Geef in de betreffende velden de statische IP-instellingen in die u van uw provider heeft gekregen.

   Klik daarna op de knop **'OK'** om verder te gaan.



D. De instellingen worden automatisch opgeslagen.
Klik op de knop '**Apply**' (Toepassen) om de router te herstarten.

NB: Nadat u instellingen van de C150BRS4 heeft gewijzigd, moet u altijd tussen twee mogelijkheden kiezen:
- **Continue** (Verder gaan): Doorgaan met wijzigen van instellingen (nieuwe instellingen worden nog niet vastgelegd).
- **Apply** (Toepassen): Alle wijzigingen worden opgeslagen, de router wordt automatisch herstart en de nieuwe instellingen worden in gebruik genomen.

NB: Het draadloze netwerk van de C150BRS4 wordt standaard beveiligd met WPA-PSK/WPA2-PSK encryptie (mixed mode). Dit betekent dat u het draadloze netwerk niet handmatig hoeft te beveiligen. Zie **hoofdstuk 5.3** als u de beveiligingsinstellingen van de C150BRS4 handmatig wilt aanpassen.

5.3 Geavanceerde instellingen

In deze snelstartgids vindt u alleen de basisstappen om uw C150BRS4 in gebruik te nemen. Zie voor geavanceerde instellingen en uitgebreide uitleg de gebruiksaanwijzing (User's Manual, uitsluitend in het Engels) op de meegeleverde product-cd.

Doe de product-cd in uw cd/dvd-station, wacht tot het automatische menu verschijnt en selecteer '**View User Manual**' (Gebruiksaanwijzing bekijken).

NB: Om de Engelstalige gebruiksaanwijzing te kunnen bekijken, moet het programma Adobe Reader op uw computer zijn geïnstalleerd. Als dit niet zo is, selecteert u '**Install Adobe Reader**' in het automatische menu (alleen voor Windows).

Uw Conceptronic 150N Wireless Router is nu klaar voor gebruik!

6. Verbinden met draadloos netwerk

Er zijn twee verschillende manieren om draadloos verbinding te maken met de C150BRS4:

- Handmatig.
- Automatisch met behulp van de WPS-functie.

! BELANGRIJKE OPMERKING !

Het draadloze netwerk van de C150BRS4 wordt standaard beveiligd met WPA-PSK/WPA2-PSK encryptie (mixed mode). U vindt de unieke WPA "passphrase" (een soort wachtwoord) op het productetiket aan de onderkant van uw C150BRS4.

Vrijwel alle merken/types draadloze netwerkkaarten gebruiken een andere cliënt-applicatie. Zie de gebruiksaanwijzing van uw draadloze netwerkkaart voor informatie over hoe u verbinding maakt met een draadloos netwerk.

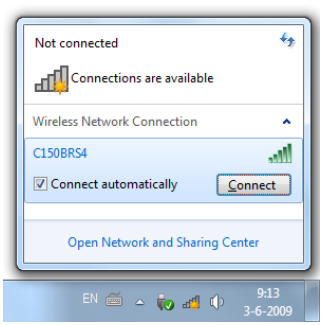
6.1 Handmatig verbinden in Windows 7

In het volgende voorbeeld wordt gebruik gemaakt van de standaardfunctie **'Verbinding met een netwerk maken'** die aanwezig is in Windows 7.

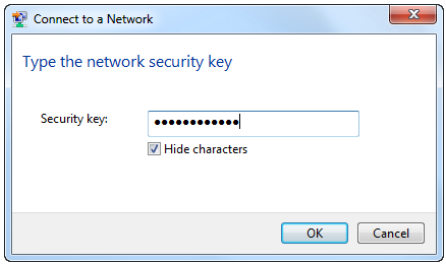
A Klik op het **'Netwerk'** pictogram in het Windows systeemvak voor een lijst met beschikbare draadloze netwerken.

B Selecteer het netwerk **'C150BRS4'** in de lijst en klik op **'Verbinding maken'**.

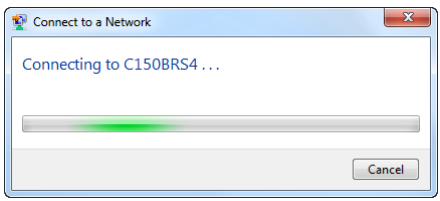
Standaard is de optie **'Automatisch verbinding maken'** geselecteerd. Dit zorgt ervoor dat de verbinding steeds automatisch wordt gestart wanneer uw computer wordt aangezet. Als u dit niet wilt, kunt u dit vakje uitschakelen voordat u op **'Verbinding maken'** klikt.



C Geef in het veld **'Beveiligingssleutel of wachtwoordzin'** de standaard WPA passphrase in (zoals aangegeven op de onderkant van uw C150BRS4) en klik op **'OK'**.



D De cliënt maakt nu verbinding met het draadloze netwerk.

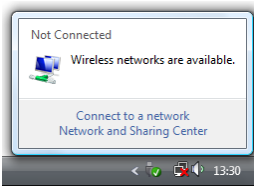


E Om de status van de draadloze verbinding te controleren, kunt u op het **'Netwerk'** pictogram in het systeemvak klikken. U ziet hier met welk netwerk u momenteel verbonden bent, informatie over de verbinding, en de sterkte van het signaal.

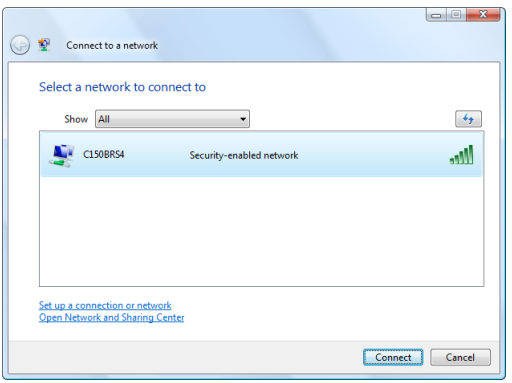
6.2 Handmatig verbinden in Windows Vista

In het volgende voorbeeld wordt gebruik gemaakt van de standaardfunctie **'Verbinding met een netwerk maken'** die aanwezig is in Windows Vista met Service Pack 1.

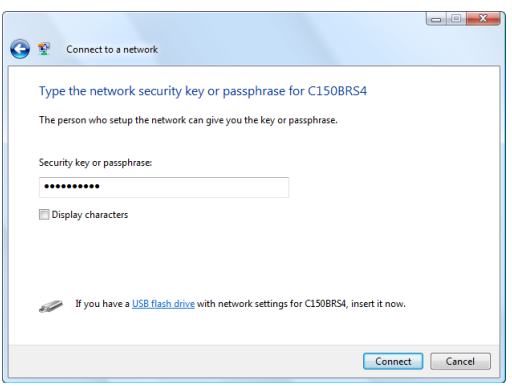
A Klik op het **'Netwerk'** pictogram in het systeemvak en klik op **'Er zijn draadloze netwerken beschikbaar'**.



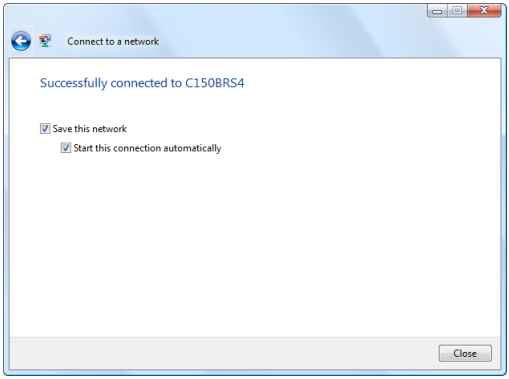
B Selecteer het netwerk **'C150BRS4'** in de lijst en klik op **'Verbinding maken'**.



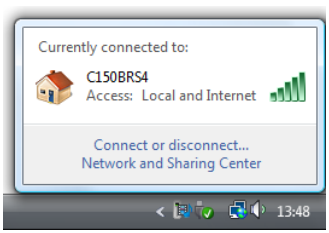
C Geef in het veld **'Beveiligingssleutel of wachtwoordzin'** de standaard WPA passphrase in (zoals aangegeven op de onderkant van uw C150BRS4) en klik op **'Verbinding maken'**.



D Nadat verbinding is gemaakt, kunt u ervoor kiezen om dit netwerk vast te leggen en er voortaan automatisch verbinding mee te maken zodra uw computer wordt aangezet. Klik op '**Close**' (Sluiten) om de verbindingwizard af te sluiten.



E Om de status van de draadloze verbinding te controleren, kunt u op het '**Netwerk**' pictogram in het systeemvak klikken. U ziet hier met welk netwerk u momenteel verbonden bent, informatie over de verbinding, en de sterkte van het signaal.



6.3 Automatisch verbinden met behulp van WPS

De Conceptronic C150BRS4 ondersteunt WPS (Wi-Fi Protected Setup, beveiligde instelling draadloos netwerk). WPS is een standaard waarmee u eenvoudig en veilig een draadloos netwerk kunt opzetten. Met WPS zet u een draadloos netwerk op en beveiligt u het in slechts enkele eenvoudige stappen.

NB: Om op de C150BRS4 gebruik te kunnen maken van WPS, moeten uw draadloze cliënten (zoals pc's) zelf ook WPS ondersteunen. Als u een of meer draadloze cliëntcomputers heeft die geen WPS ondersteunen, raden we u aan handmatig verbinding te maken met de C150BRS4 en de WPA-wachtwoordzin te gebruiken die aan de onderkant van het apparaat staat aangegeven. Zie **hoofdstuk 6.1** of **6.2** voor handmatige aansluiting op het draadloze netwerk.

NB: Ga voor meer (technische) informatie over WPS naar de volgende website: http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

U kunt op twee manieren een WPS-verbinding maken met de C150BRS4:
- **Verbinden met een druk op de knop**
- **Verbinden met een pin-code**

WPS – verbinden met een druk op de knop

Voor deze methode moet uw draadloze cliënt over een (virtuele) knop beschikken om verbinding te kunnen maken met de C150BRS4.
Sommige draadloze cliënten hebben een echte knop waarmee WPS wordt gestart; andere draadloze cliënten hebben software met een virtuele WPS-knop.

Volg de onderstaande stappen om via een WPS-knop verbinding te maken met de router:

A. Druk aan de achterkant van de C150BRS4 op de WPS-knop; het WLAN/WPS-lampje brandt continu om aan te geven dat de WPS-procedure is gestart.

B. Druk op de WPS-knop van uw draadloze cliënt. Dit kan een hardware-knop zijn of een virtuele knop in de software van de draadloze cliënt.

NB: De C150BRS4 houdt de WPS-functie 120 seconden lang actief. Tijdens dit proces brandt het WLAN/WPS-lampje continu. Als er in deze 120 seconden geen verbinding tot stand komt, gaat het lampje naar zijn oorspronkelijke status en wordt het WPS-proces afgebroken.

Wanneer de WPS-verbinding is gelukt, krijgt het WLAN/WPS-lampje meteen zijn oorspronkelijke status terug.

De draadloze cliënt heeft nu verbinding met het beveiligde draadloze netwerk van de C150BRS4.
U kunt meer draadloze WPS-cliënten toevoegen zonder dat de bestaande verbinding met eerder aangesloten cliënten verloren gaat. Als u meer draadloze WPS-cliënten wilt toevoegen, herhaalt u de stappen **A** en **B**.

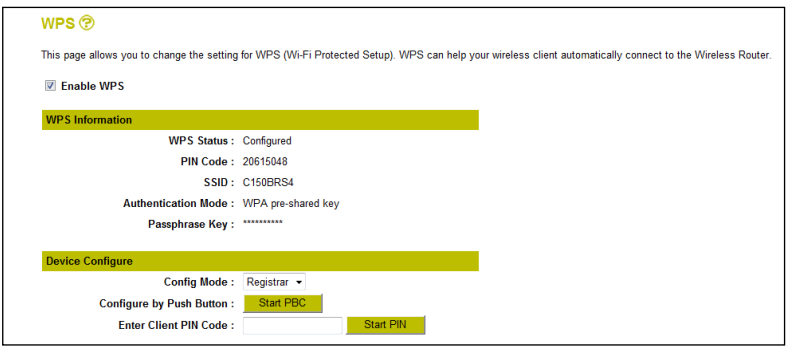
WPS - verbinden met een pin-code

Als uw draadloze WPS-cliënt geen (virtuele) WPS-drukknop heeft, kunt u een WPS-verbinding maken met een pin-code.

NB: Om de WPS pin-codefunctie te activeren, heeft u eerst een computer nodig die via een netwerkkabel met de C150BRS4 verbonden is.

A. Meld u aan bij de C150BRS4 zoals beschreven in **hoofdstuk 5.1**.
B. Selecteer '**General Setup**' gevolgd door '**Wireless**' en '**WPS**'.

De WPS-configuratiepagina wordt getoond.

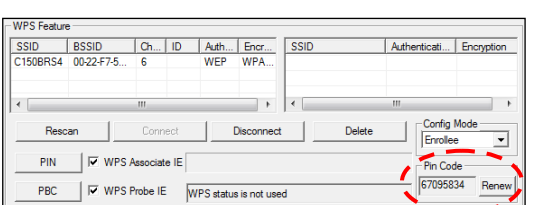


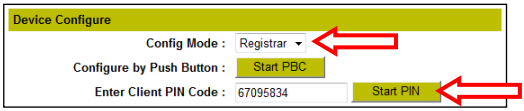
Op de WPS-configuratiepagina kunt u kiezen voor de drukknop methode (Push Button) of de pin-code methode.
De pin-code methode kan op twee verschillende manieren worden gestart:

---

1. De draadloze cliënt genereert een pin-code die in de router wordt ingevoerd.
   In dit geval is de draadloze cliënt de 'Enrollee' (aangemeld apparaat) en de router is de 'Registrar' (registrerend apparaat).

   A. Start de draadloze cliënt en zoek de gegenereerde pin-code op, zoals in het onderstaande voorbeeld:



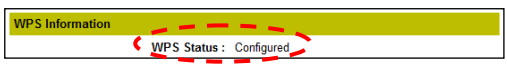


B. Zorg dat de **'Config Mode'** op de WPS-configuratiepagina staat ingesteld op **'Registrar'**.
C. Geef de door uw draadloze cliënt gegenereerde pin-code in in het veld **'Enter Client PIN Code'** (pin-code van cliënt ingeven).
D. Klik op de knop **'Start PIN'**.

De C150BRS4 houdt de WPS-functie voor inkomende verbindingen met de aangegeven pin-code 120 seconden lang actief.

E. Start op uw draadloze cliënt de verbinding met pin-code.

Uw draadloze cliënt maakt nu verbinding met het beveiligde draadloze netwerk van de C150BRS4. Wanneer verbinding is gemaakt, sluit de C150BRS4 het WPS-proces af en verandert de WPS Status op de WPS-configuratiepagina in **'Configured'**.



Als u meer draadloze WPS-cliënten wilt toevoegen, herhaalt u de stappen **A** t/m **E**.

---

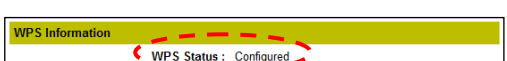
2. De router genereert een pin-code die in de draadloze cliënt moet worden ingevoerd.
In dit geval is de router de 'Enrollee' (aangemeld apparaat) en de draadloze cliënt is de 'Registrar' (registrerend apparaat).

A. Zorg dat de **'Config Mode'** op de WPS-configuratiepagina staat ingesteld op **'Enrollee'** en noteer de pin-code die wordt aangegeven bij **'PIN Code'**.
B. Klik op de knop **'Start PIN'**.

De C150BRS4 houdt de WPS-functie voor inkomende verbindingen met de aangegeven pin-code 120 seconden lang actief.

C. Geef de door de C150BRS4 gegenereerde pin-code in in de software van uw draadloze cliënt, stel deze software in op **'Registrar'** en start de pin-code verbindingsmethode.

Uw draadloze cliënt maakt nu verbinding met het beveiligde draadloze netwerk van de C150BRS4. Wanneer verbinding is gemaakt, sluit de C150BRS4 het WPS-proces af en verandert de WPS Status op de WPS-configuratiepagina in **'Configured'**.



Als u meer draadloze WPS-cliënten wilt toevoegen, herhaalt u de stappen **A** t/m **C**.

7. Poorten doorverwijzen

De Conceptronic C150BRS4 heeft een ingebouwde firewall om internetaanvallen op uw netwerk af te weren. Deze firewall blokkeert automatisch al het inkomende verkeer op ongebruikte poorten. Wanneer u een geblokkeerde poort nodig heeft voor een toepassing (zoals een FTP-server of webserver) kunt u op de configuratiepagina's een Virtual Server Rule (regel voor virtuele server) aanmaken om het verkeer aan de server te kunnen doorgeven.

De C150BRS4 ondersteunt ook UPnP voor het doorgeven van poorten, zodat locale UPnP-toepassingen automatisch poortdoorschakelingen aan de configuratie van de router kunnen toevoegen. Dit betekent dat u voor UPnP-geschikte toepassingen niet handmatig een Virtual Server Rule hoeft aan te maken op de C150BRS4.

Als UPnP niet beschikbaar is of als er om een andere reden een Virtual Server Rule moet worden toegevoegd, raden we u aan om de computer(s) en/of netwerkapparatuur een vast (statisch) IP-adres te geven in plaats van een dynamisch IP-adres.

Hieronder vindt u een lijstje met veel gebruikte poortnummers en de bijbehorende applicaties:

Poort	Applicatie	Poort	Applicatie
20	FTP-data (FTP-server)	**80**	HTTP (webserver)
21	FTP-data (FTP-server)	**110**	POP3 (mailserver – inkomend)
22	SSH (Secure shell)	**2000**	Remotely Anywhere
23	Telnet	**5800**	VNC
25	SMTP (mailserver – uitgaand)	**5900**	VNC

Zie voor meer poorten en bijbehorende applicaties http://portforward.com/cports.htm.

NB: Zie voor een gedetailleerde beschrijving van de opties voor virtuele servers en DMZ de gebruiksaanwijzing (User's Manual, uitsluitend in het Engels) op de product-cd. Selecteer **'View User Manual'** (gebruiksaanwijzing bekijken) in het Autorun-menu.

A. Meld u aan bij de C150BRS4 zoals beschreven in **hoofdstuk 5.1**.

B. Selecteer **'General Setup'**, **'NAT'** en **'Virtual Server'** om de configuratiepagina voor virtuele-serverregels te openen.

C. Schakel de virtuele-serverregel in door het vakje links van **'Enable Virtual Server'** aan te kruisen.

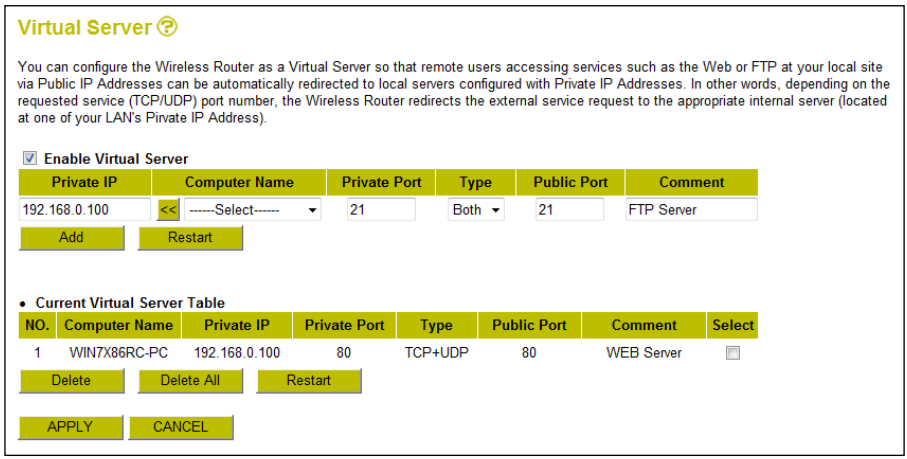
D. Vul de benodigde informatie voor de virtuele-serverregel in de volgende velden in:
- **Private IP** : Geef het locale IP-adres van de computer/het apparaat in.
- **Private Port** : Geef de gewenste locale poort voor de computer/het apparaat in.
- **Type** : Selecteer het type van het door te geven netwerkverkeer.
- **Public Port** : Geef de poort in die van buitenaf (op internet) zichtbaar moet zijn.
- **Comment** : U kunt de virtuele-serverregel desgewenst een naam geven om hem eenvoudig te kunnen herkennen.

NB: Wanneer een computer/apparaat met de router verbonden is, kunt u eenvoudig de betreffende (computer)naam selecteren in het afrolmenu onder **'Computer Name'** en op de **'<<'** knop drukken om het bijbehorende IP-adres automatisch toe te voegen.

E. Klik op de knop **'Add'** (toevoegen) om de virtuele-serverregel aan de tabel met regels toe te voegen.

NEDERLANDS

NB: In de onderstaande afbeelding ziet u een voorbeeld van een Virtual Server configuratie.



NB: Als u niet weet welk protocol (‘**Type**’) u nodig heeft voor deze virtuele server-regel, selecteert u ‘**Both**’ (Beide). Met deze optie wordt zowel TCP- als UDP-verkeer doorgegeven aan het hier ingestelde IP-adres.

F. Wanneer u klaar bent met toevoegen van virtuele-serverregels, klikt u op de knop ‘**APPLY**’ (Toepassen) om de instellingen op te slaan. Klik op de volgende pagina opnieuw op ‘**APPLY**’ om de router te herstarten.

Wanneer de router is herstart, worden alle instellingen in gebruik genomen en worden de virtuele-serverregels toegepast.

De door u gedefinieerde virtuele-serverregels zijn nu klaar voor gebruik

NB: Zie voor een gedetailleerde beschrijving van de mogelijkheden en instellingen van de C150BRS4 de gebruiksaanwijzing (User Manual, uitsluitend in het Engels) op de meegeleverde product-cd. Selecteer ‘**View User Manual**’ (gebruiksaanwijzing bekijken) in het Autorun-menu.

Conceptronic C150BRS4 version 2.0

Quick Installation Guide

Congratulations on the purchase of your Conceptronic 150N Wireless Router

This quick installation guide gives you a step-by-step explanation of how to install and use the Conceptronic C150BRS4.

When you need more information or support for your product, we advise you to visit our **Service & Support** website at **www.conceptronic.net/support** and select one of the following options:

- **FAQ** : Frequently Asked Questions database
- **Downloads** : Manuals, Drivers, Firmware and more downloads
- **Contact** : Contact Conceptronic Support

For general information about Conceptronic products visit the Conceptronic website at **www.conceptronic.net**.

The information in this quick installation guide is based on Windows 7 and Vista, but can differ from your computer when you are using a different operating system.

Note: This quick installation guide only explains the basic steps to get the C150BRS4 up and running. For more info about the various functions of the C150BRS4, please refer to the user manual (English only) on the included product CD-ROM. Wait for the autorun menu to appear and select **'View User Manual'**.

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- 5.1. Logging in
- 5.2. Quick setup wizard
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6. Connecting to the wireless network
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- 6.2. Connecting manually in Windows Vista
- 6.3. Connecting automatically using WPS

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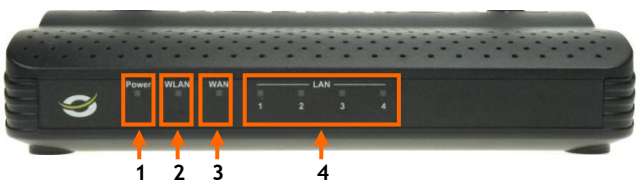
1. Package contents

The following items are present in the package of the Conceptronic 150N Wireless Router:

- Conceptronic C150BRS4 – 150N Wireless Router
- Power supply 12V DC, 0.5A
- Network (LAN) cable
- Product CD-ROM
- This multi language quick installation guide
- Warranty card & CE declaration booklet

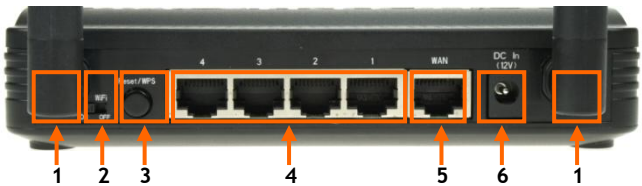
2. The C150BRS4 explained

2.1 Front panel



Nr	Description	Status	Status Explanation
1	Power LED	**OFF** **ON**	The device is switched off The device is switched on
2	WLAN/WPS LED	**OFF** **ON - STEADY** **ON - FLASHING**	Wireless network is switched off Wireless WPS function is enabled Wireless network activity (sending or receiving data)
3	WAN LED	**OFF** **ON - STEADY** **ON - FLASHING**	WAN port is not connected WAN port is connected WAN port activity (sending or receiving data)
4	LAN LEDs (1, 2, 3, 4)	**OFF** **ON - STEADY** **ON - FLASHING**	LAN port is not connected LAN port is connected LAN port activity (sending or receiving data)

2.2 Back panel



Nr	Description	Explanation
1	Wireless antennas (2x)	Two fixed antennas for wireless broadcasting
2	Radio ON/OFF switch	Turn the wireless radio on or off
3	Reset/WPS button	Activate WPS function (short press) or perform a reset (hold)
4	LAN ports (1 - 4)	Connect your computer(s)/network device(s) to the router
5	WAN port	Connect your broadband connection to the router
6	Power connection	Connect the power supply to the router

3. Connecting the cables

Connect the power supply to the power connection on the back of the C150BRS4 and to an available wall socket. The power LED on the front of the C150BRS4 will lit up.

3.1 WAN port

Use a network (LAN) cable to connect the C150BRS4 to your broadband modem.
The WAN LED on the front of the C150BRS4 will lit up.

Note: If the WAN LED on the front does not lit up, make sure that:
- The C150BRS4 is powered on (the power LED should burn).
- The broadband modem is turned on.
- The network (LAN) cable between both devices is connected correctly.

3.2 LAN port(s)

Connect the network (LAN) cable to 1 of the 4 LAN ports on the back panel of the C150BRS4 and to the network card of your computer.
The LAN LED of the used LAN port will lit up, indicating that the computer is connected. (Your computer must be switched on and the LAN connection must be enabled).

4. Configuring the computer

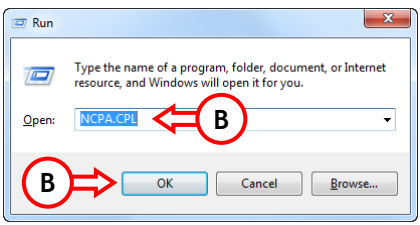
4.1 Configuring the IP address

The C150BRS4 is equipped with a built-in DHCP server. The DHCP server will automatically assign an IP address to each connected computer if the connected computer is configured to automatically obtain an IP address.

Most computers are by default configured to automatically obtain an IP address. Should this not be the case, you will need to configure your computer to obtain an IP address automatically by following the instructions below.

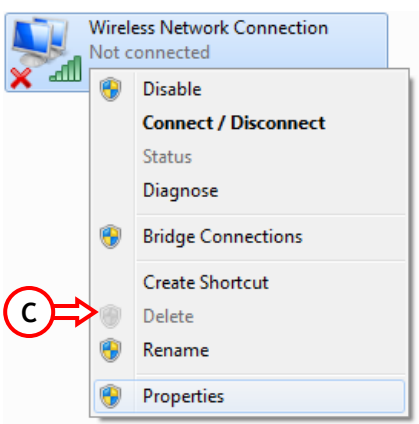
A. Click on **'Start'**, go to **'All Programs'**, **'Accessories'** and choose **'Run'**.

B. Enter the command **'NCPA.CPL'** and click on **'OK'**.



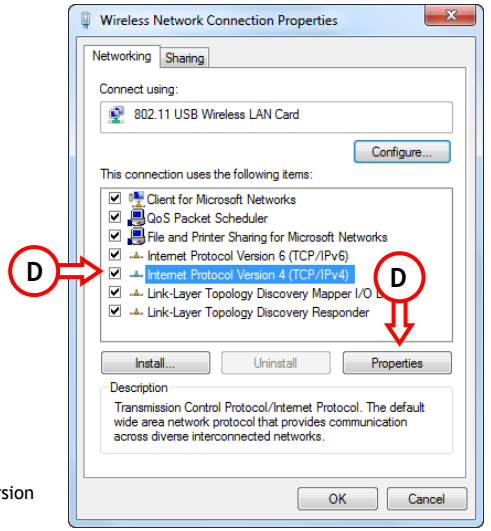
The **"Network Connections"** window will appear.

C. Right click on **'Local Area Connection'** or **'Wireless Network Connection'** (depending on the connection you use) and select **'Properties'**.



The properties window of your Local Area Connection or Wireless Network Connection will appear.

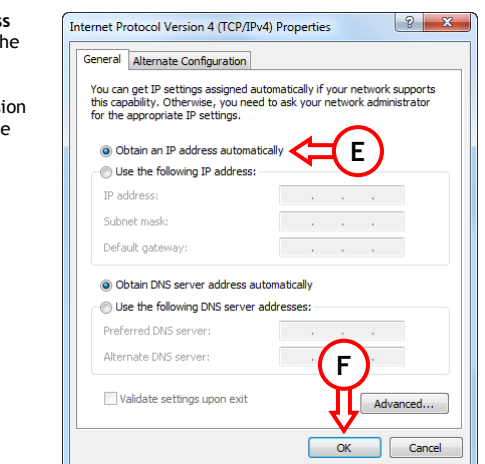
D. Select '**Internet Protocol Version 4 (TCP/IPv4)**' and click on '**Properties**'.



The properties window of Internet Protocol Version 4 (TCP/IPv4) will appear.

E. Set the properties to '**Obtain an IP address automatically**' and click on '**OK**' to save the settings.

F. Click on '**OK**' in the Internet Protocol Version 4 (TCP/IPv4) Properties window to save the settings.



4.2 Checking the connection

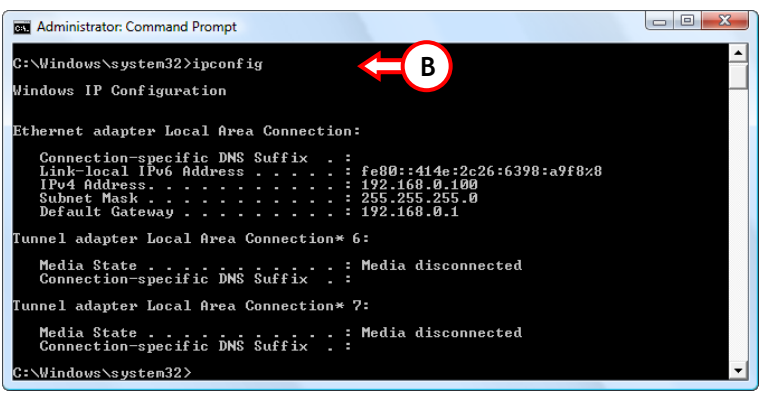
With the **'Command Prompt'** of Windows you can verify if you have received a correct IP address on your Local Area Connection or Wireless Network Connection. This example is based on Windows 7 and Vista with Service Pack 1. Windows 7 and Vista need administrative rights to perform the steps below, which are explained in the following steps.

A. Click on **'Start'**, **'All Programs'**, **'Accessories'**, right click on **'Command Prompt'** and select **'Run as administrator'**.

You might get a warning message, which you will need to accept by clicking **'Continue'** or **'Yes'**.

The Command Prompt window will appear. Make sure the **'Command Prompt'** title bar mentions **"Administrator: Command Prompt"**. When **"Administrator"** is not mentioned, you do not have the necessary administrative rights for these steps and you will need to perform **step A** again.

B. Enter the command **'IPCONFIG'** and press **'ENTER'** on your keyboard.



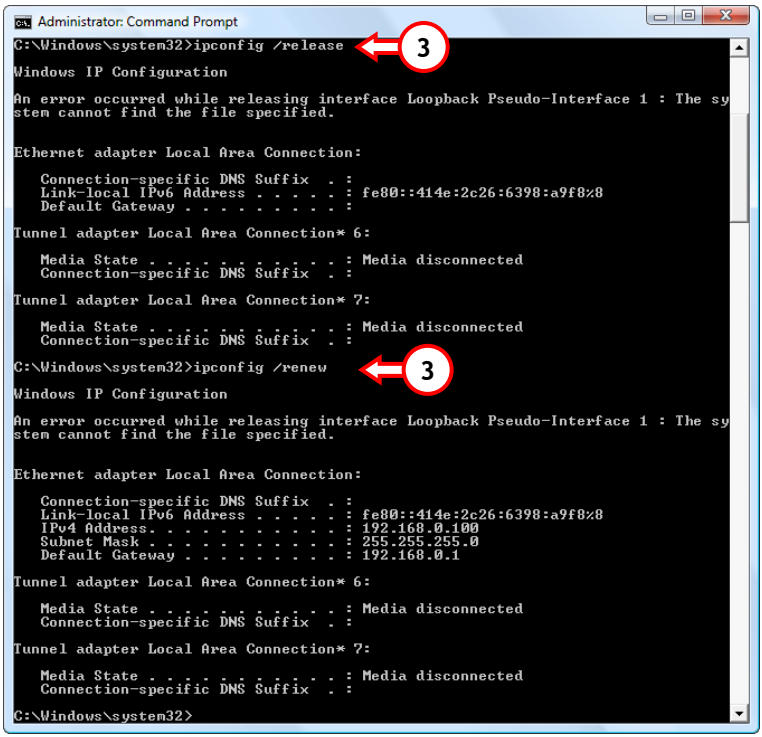
You should see the following information:
IPv4 Address **: 192.168.0.xxx** (where **xxx** can vary between **100 ~ 199**).
Subnet Mask **: 255.255.255.0**
Default Gateway **: 192.168.0.1**

If the information above matches your configuration you can continue configuring the router in **chapter 5**.

If the information shown above does not match your configuration (i.e. your IP address is 169.254.xxx.xxx) you will need to take the following steps:

1. Disconnect and reconnect the power of the router.
2. Disconnect and reconnect the network cable to the router and to your computer.

3. Renew the IP address of your computer with the following commands:
   - **'IPCONFIG /RELEASE'** : this will release the incorrect IP address
   - **'IPCONFIG /RENEW'** : this will renew the IP address



If above steps do not solve the IP address issue, you can reset the device to the factory default settings with the reset button on the back of the device.
Press and hold the reset button until the power LED starts to flash (about 10 seconds). This will reboot the router and load the factory default settings into the router. When the power LED burns steady again, repeat **step B** to renew the IP address.

Note: If the problem remains, check if all cables are connected in the correct way. The WAN port should be connected to the modem and the LAN port to the computer. Connecting them in the wrong way will also result in an incorrect IP address.

5. Configuring the C150BRS4

This chapter describes how to configure the C150BRS4 using the built-in setup wizard. After completing the steps in this chapter your router has been set up for its primary functions.

5.1 Logging in

For configuration of the C150BRS4 a web based interface is being used. This means you are able to configure the C150BRS4 on any computer with a web browser which is connected to the C150BRS4.

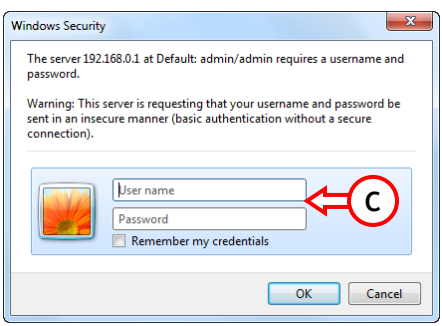
Note: It is strongly advised not to use a wireless connection while configuring the C150BRS4, since its connection could be lost when adjusting certain settings. Therefore it is highly recommended to use a computer that is connected to the C150BRS4 with a network cable.

To log in to the C150BRS4, follow these steps:

A. Start your web browser (like: Internet Explorer, Firefox, Safari or Chrome).

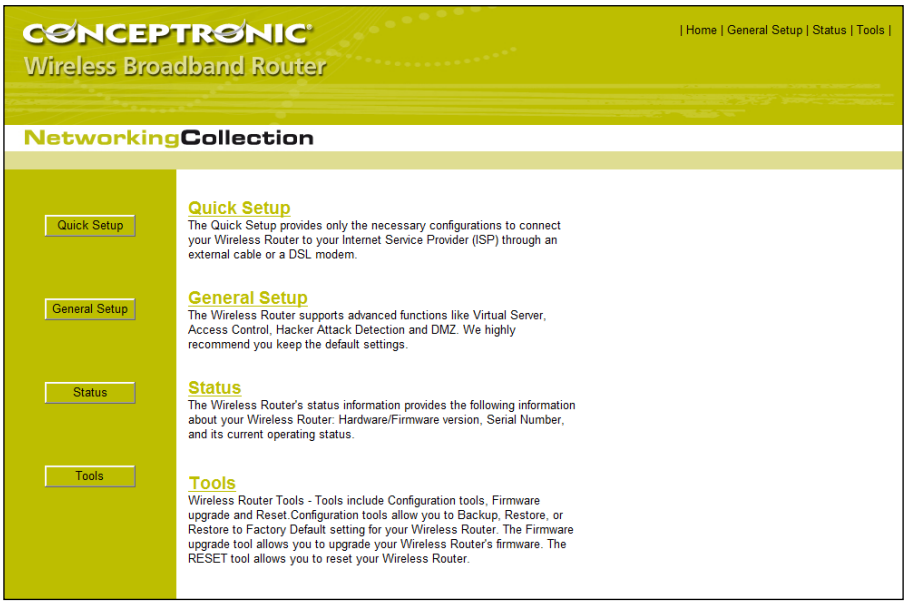
B. Enter the IP address of the router in the address bar of your web browser.
By default : **http://192.168.0.1/**

A pop-up window will be shown asking you for the user name and password.



C. Enter the user name and password and click on '**OK**' to enter the web based configuration.
Default user name : **admin**
Default password : **admin**

When the user name and password are correct the router will show the main page:



From the main page you can easily choose one of the four major options in the C150BRS4 web configuration:

- **Quick Setup** : Quickly set up the C150BRS4 for first use (explained in **chapter 5.2**)
- **General Setup** : Change advanced options (explained in **chapter 5.3**)
- **Status** : Check the status of the router, connected clients and log files
- **Tools** : Back up the configuration, upgrade the firmware or reboot the router

Note: It is at all times possible to choose one of the major options (except Quick Setup) from the four options in the top right of the page. You can also go back to the main page by clicking '**Home**'.

5.2 Quick setup wizard

The '**Quick Setup**' wizard will guide you step-by-step through the basic settings of the C150BRS4.

Note: Before starting the '**Quick Setup**' wizard, make sure you have all information about your internet connection available.
For example: connection type, account information, etc.

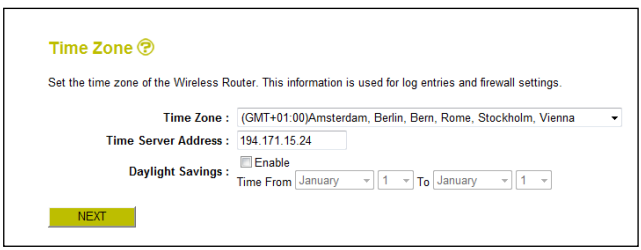
Note: Throughout this chapter the following applies: If you do not know which option to choose or do not have the necessary information available, you should either refer to the documentation of your internet connection or contact your internet service provider (from now on called ISP).

A. Click on '**Quick Setup**' on the main page.

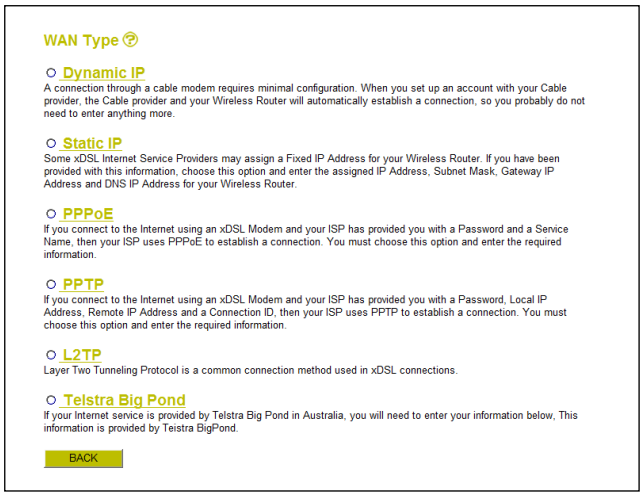
B. For system management purposes, a correct time setting is critical to have accurate time stamps in the system logs.

Select the correct time zone and optionally change the time server address and/or enable daylight savings time.

When done, click on the '**Next**' button to continue.



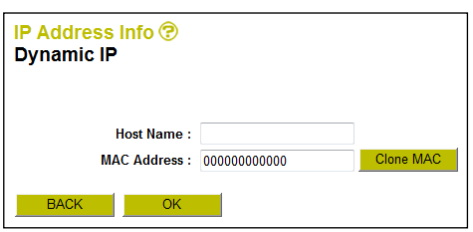
C. Select the WAN Type that corresponds with the settings from your ISP.



1. **Dynamic IP**
   Some ISPs require a specific host name for their connections. If this applies to your connection, you should enter the host name here.

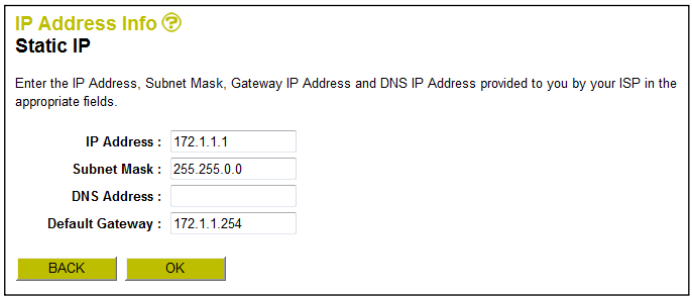
   Some ISPs only allow one specific MAC address to connect to the internet. In that case you can either clone the MAC address of the computer you used to connect to the internet by clicking on the '**Clone MAC**' button or enter the MAC address manually.

   When done, click on the '**OK**' button to continue.



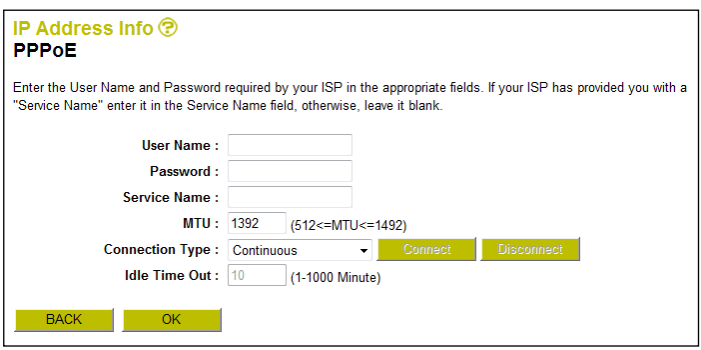
2. **Static IP**
   Enter the Static IP settings as given by your ISP into the corresponding fields.

   When done, click on the '**OK**' button to continue.



3. **PPPoE**
   Enter the PPPoE settings as given by your ISP into the corresponding fields.

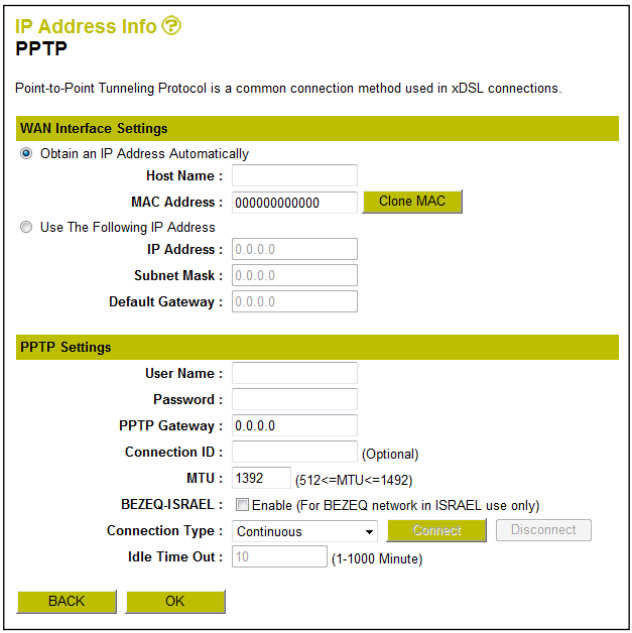
   When done, click on the '**OK**' button to continue.



4. PPTP

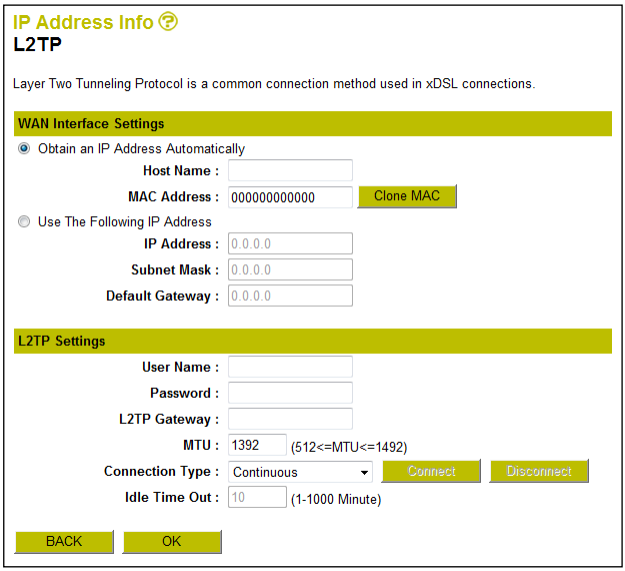
Enter the PPTP settings as given by your ISP into the corresponding fields.

When done, click on the '**OK**' button to continue.



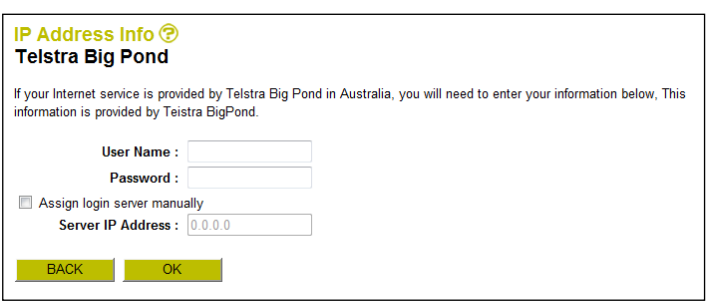
5. **L2TP**
   Enter the L2TP settings as given by your ISP into the corresponding fields.

   When done, click on the '**OK**' button to continue.



6. **Telstra Big Pond**
   Enter the user name and password and, when needed, manually assign a server IP address.

   When done, click on the '**OK**' button to continue.



D. The settings will automatically be saved.
Click on the '**Apply**' button to restart the router.

Note: When changing settings in the configuration of the C150BRS4 you will always be asked to choose between two options:
- **Continue** : Continue to make changes (the changes are not yet saved).
- **Apply** : Apply all changes by saving them to the configuration and restarting the router.

Note: By default, the wireless network of the C150BRS4 is secured with WPA-PSK/WPA2-PSK (mixed mode) encryption. This means you will not have to manually secure the wireless network. Refer to **chapter 5.3** if you want to manually change the security settings of the C150BRS4.

5.4 Advanced settings

This quick installation guide explains the basic settings to get your C150BRS4 up and running. For advanced settings or a more detailed explanation, please refer to the user manual (English only) on the included product CD-ROM.

Place the product CD-ROM into your optical drive, wait for the autorun menu to appear and select '**View User Manual**'.

Note: In order to view the user manual, you will have to have Adobe Reader installed. If you do not have this installed on your computer, you can select '**Install Adobe Reader**' from the autorun menu (Windows only).

Your Conceptronic 150N Wireless Router is now ready to use!

6. Connecting to the wireless network

There are two different ways of wirelessly connecting to the C150BRS4:

- Manually.
- Automatically using the WPS function.

! IMPORTANT NOTE !

The C150BRS4 is secured with WPA-PSK/WPA2-PSK (mixed mode) encryption by default. The unique WPA passphrase can be found on the product sticker at the bottom of your C150BRS4.

Almost every brand/type wireless card uses a different client application. Please refer to the manual of your wireless network card for information on how to create a connection with a wireless network.

6.1 Connecting manually in Windows 7

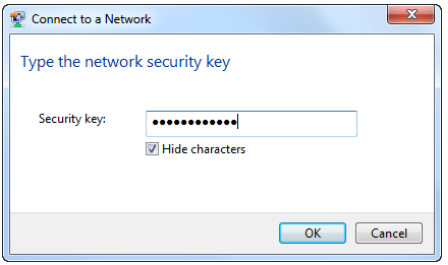
In the following example the integrated **"Connect to a Network"** option from Windows 7 is used.

A Click on the '**Network**' icon in the taskbar to view the list of available wireless network connections.

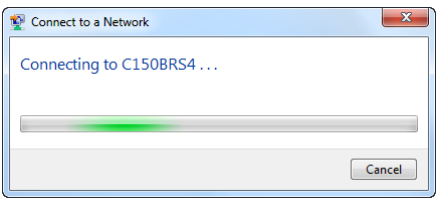
B Select the network "**C150BRS4**" from the list and click on '**Connect**'.

By default the option "**Connect automatically**" is selected. This makes sure the connection is automatically started each time your computer is turned on. If you do not want this, you can unselect this option before clicking on '**Connect**'.

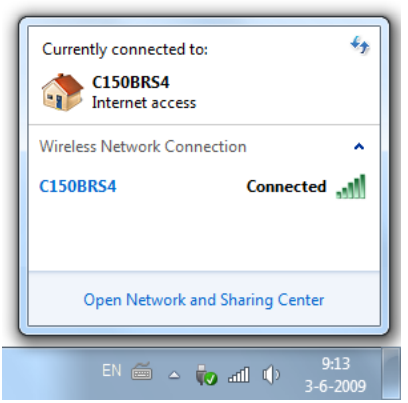
C Enter the default WPA passphrase (which is mentioned on the bottom of the C150BRS4) in the **"Security key"** field and click on **'OK'**.



D The client will now start connecting to the wireless network.



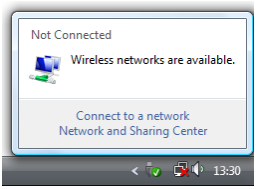
E To check the status of the wireless connection, you can click on the **'Network'** icon in the taskbar. You will see which network you are currently connected to, the access you have and the signal strength of the connection.



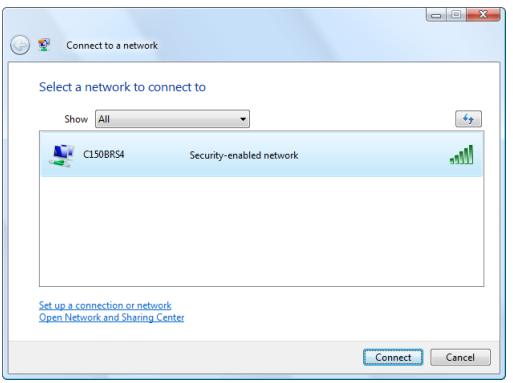
6.2 Connecting manually in Windows Vista

In the following example the integrated **"Connect to a Network"** option from Windows Vista with Service Pack 1 is used.

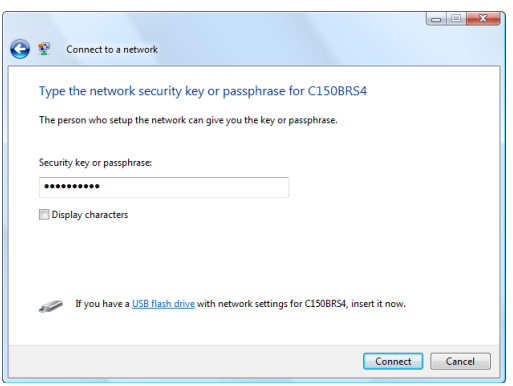
A Click on the '**Network**' icon in the system tray and click on **"Wireless networks are available"**.



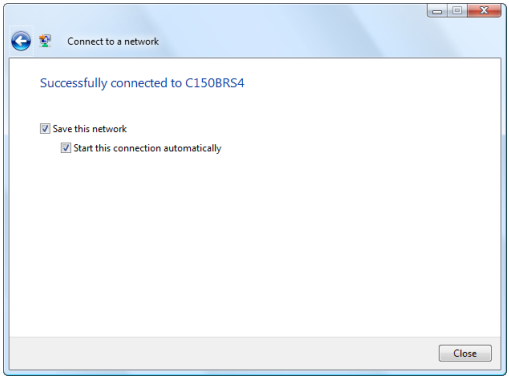
B Select the network **"C150BRS4"** from the list and click on '**Connect**'.



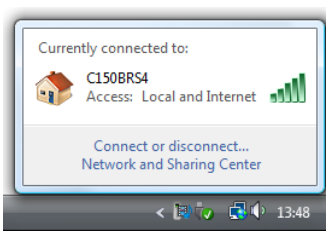
C Enter the default WPA passphrase (which is mentioned on the bottom of the C150BRS4) in the **"Security key or passphrase"** field and click on '**Connect**'.



D When the connection has been established, you can choose to save the network and have it start automatically each time your computer is turned on. Click on '**Close**' to exit the connection wizard.



E To check the status of the wireless connection, you can click on the '**Network**' icon in the system tray. You will see which network you are currently connected to, the access you have and the signal strength of the connection.



6.3 Connecting automatically using WPS

The Conceptronic C150BRS4 supports WPS (Wi-Fi Protected Setup). WPS is a standard for easy and secure establishment of a wireless network. With WPS you can setup and protect your wireless network in just a few easy steps.

Note: To use WPS with the C150BRS4, you need to have a wireless client that supports WPS. If you have one or more wireless clients without WPS support, it is advised to manually connect to the C150BRS4 using the preconfigured WPA key as mentioned on the bottom. Refer to **chapter 6.1** or **6.2** on how to manually connect to the wireless network.

Note: For more (technical) information about WPS, refer to the following website: http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

The C150BRS4 supports two ways of activating and establishing a WPS connection:
- **Push Button technology**
- **PIN Code technology**

WPS - Push Button technology

The WPS Push Button technology requires a (virtual) button on the wireless client to establish a connection between the C150BRS4 and the wireless client.
Some wireless clients use an actual button for activating the WPS Push Button technology; other wireless clients use a virtual button in their software.

Follow the steps below to activate and establish a WPS connection with the Push Button technology:

A. Press the WPS button on the back of the C150BRS4, the WLAN/WPS LED will burn steady indicating that WPS authentication has started.

B. Press the WPS button on the wireless client. This can be either a hardware button or a virtual button in the software of the wireless client.

Note: The C150BRS4 will keep the WPS authentication active for 120 seconds. During this process, the WLAN/WPS LED will burn steady. If there is no WPS connection established within 120 seconds, the LED will return to its original state and WPS authentication will be stopped.

If the WPS authentication is successful, the WLAN/WPS LED will return to its original state.

The wireless client is now connected to the secured wireless network of the C150BRS4.
You can add more wireless clients without losing the connection to previously connected wireless clients. If you want to add more wireless clients, you will need to repeat step **A** and **B**.

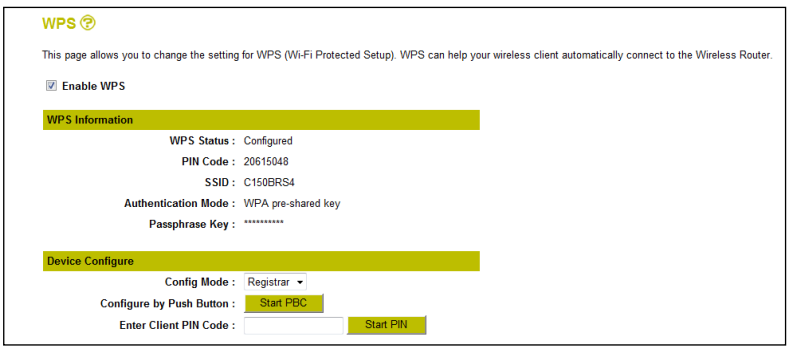
WPS – PIN Code technology

If your wireless client supports WPS but does not have a (virtual) Push button, you can use the PIN Code technology to establish a WPS connection.

Note: To activate the WPS PIN Code function, you need a computer with a wired connection to the C150BRS4.

A. Login to the web interface as explained in **chapter 5.1**.
B. First select '**General Setup**', then '**Wireless**' and finally '**WPS**'.

The WPS configuration page will be shown.

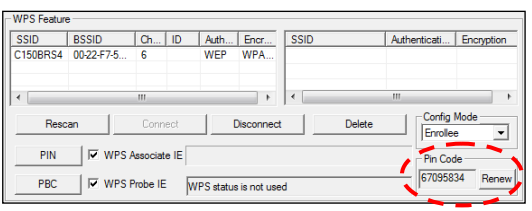


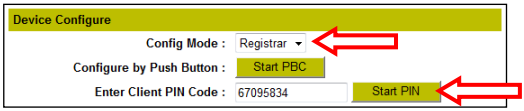
In the WPS configuration page, you can trigger the virtual 'Push Button' or the 'PIN Code' authentication. The 'PIN Code' authentication can be initiated in 2 different ways:

---

1. The wireless client will provide the PIN code, which will be entered in the router.
In this situation, the wireless client will be the 'Enrollee' and the router will be the 'Registrar'.

A. Start the wireless client and search for the provided PIN code, like shown in below example:



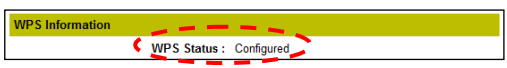


B. Make sure the **"Config Mode"** at the WPS configuration page is set to **'Registrar'**.
C. Enter the PIN Code given by your wireless client in the **"Enter Client PIN Code"** field.
D. Click the **'Start PIN'** button.

The C150BRS4 will keep the WPS authentication for incoming connections with the given PIN code active for 120 seconds.

E. Initiate the PIN code connection on your wireless client.

Your wireless client will now connect to the secured wireless network of the C150BRS4. When the connection is established, the C150BRS4 will stop the WPS authentication check and the WPS Status in the WPS configuration page will be set to **"Configured"**.



If you want to add more Wireless Clients with the WPS feature, repeat steps **A** to **E**.

---

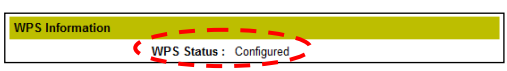
2. The router will provide the PIN code, which will be entered in the wireless client.
In this situation, the router will be the 'Enrollee' and the wireless client will be the 'Registrar'.

A. Set the option **"Config Mode"** in the WPS configuration page to **'Enrollee'** and write down the PIN code mentioned at the section **"PIN Code"**.
B. Click the **'Start PIN'** button.

The C150BRS4 will keep the WPS authentication for incoming connections with the generated PIN code active for 120 seconds.

C. Enter the PIN code provided by the C150BRS4 in your wireless client software, set the wireless client software to **'Registrar'** and initiate the PIN code connection.

Your wireless client will now connect to the secured wireless network of the C150BRS4. When the connection is established, the C150BRS4 will stop the WPS authentication check and the WPS Status in the WPS configuration page will be set to **"Configured"**.



If you want to add more Wireless Clients with the WPS feature, repeat steps **A** to **C**.

7. Port mapping

The Conceptronic C150BRS4 is equipped with a built-in firewall to prevent attacks from the internet on your network. This firewall automatically blocks all incoming traffic on unused ports. When a blocked port is needed for a service or application (for example: a FTP or Web server) you can create a Virtual Server Rule in the configuration pages to forward the traffic.

The C150BRS4 also supports UPnP port mapping, allowing local UPnP applications to automatically add port mappings to the router's configuration. This means that if you are using an UPnP capable application there is no need to manually create a Virtual Server rule in the C150BRS4 for that application.

In the situation that UPnP is not available or a Virtual Server rule needs to be added for any other reason, it is advised to configure the computer(s) and/or network device(s) with a fixed IP address instead of a dynamic IP address.

Below you will find a list of some common used ports and their corresponding application:

Port	Application	Port	Application
20	FTP data (FTP server)	**80**	HTTP (Web server)
21	FTP data (FTP server)	**110**	POP3 (Mail server – incoming)
22	SSH (Secure shell)	**2000**	Remotely Anywhere
23	Telnet	**5800**	VNC
25	SMTP (Mail server – outgoing)	**5900**	VNC

For more ports and their corresponding applications, see http://portforward.com/cports.htm.

Note: For detailed information about the virtual server and DMZ options, refer to the user manual (English only) on the product CD-ROM. Select **"View User Manual"** from the autorun menu.

A. Login to the web interface as explained in **chapter 5.1**.

B. Select **'General Setup'**, **'NAT'** and **'Virtual Server'** to open the virtual server configuration page.

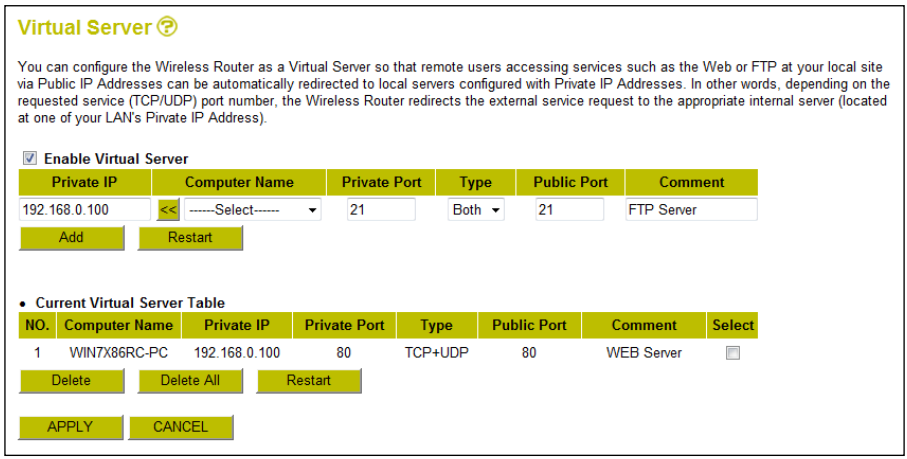
C. Enable the virtual server by ticking the checkbox in front of **'Enable Virtual Server'**.

D. Enter the information needed for the virtual server rule in the following fields:
- **Private IP** : Enter the local IP address of the computer/device.
- **Private Port** : Enter the desired local port for the computer/device.
- **Type** : Select the type of type of network traffic that should be passed through.
- **Public Port** : Enter the port which must be visible on the outside of your internet connection.
- **Comment** : Optionally you can add a name to easily recognize the virtual server rule.

Note: When the computer/device is connected to the router you can also select its name from the drop down list under **'Computer Name'** and press the **'<<'** button to automatically add its IP address.

E. Click on the **'Add'** button to add the virtual server rule to the virtual server table.

Note: In the picture below you will see an example of a virtual server configuration.



Note: If you do not know which protocol (**'Type'**) you need to select for your virtual server rule, select **'Both'**. This option will pass both TCP and UDP traffic through to the configured IP address.

F. When you are finished adding virtual server rules, click on the **'APPLY'** button to save the settings. On the next page, click on **'APPLY'** again to restart the router.

After the router has been restarted, all settings are taken into affect and the virtual server rules will be applied.

The defined virtual server rules are ready to use

Note: For a more detailed explanation of the features and settings available for the C150BRS4, please refer to the user manual (English only) on the included product CD-ROM. Select **"View User Manual"** from the autorun menu.

C150BRS4 versión 2.0 de Conceptronic

Guía de instalación rápida

Felicidades por la compra de su router inalámbrico 150N de Conceptronic

Esta guía de instalación rápida le ofrece una descripción paso a paso acerca de cómo instalar y utilizar el router C150BRS4 de Conceptronic.

Si necesita más información o soporte técnico acerca de su producto, le recomendamos que visite nuestra página web de **Servicio y Soporte** **www.conceptronic.net/support** y seleccione una de las siguientes opciones:

- **FAQ** : Base de datos con las preguntas más frecuentes (FAQ)
- **Descargas** : Manuales, drivers, firmware y otras descargas
- **Contacto** : Contactar con el servicio técnico de Conceptronic

Para información general sobre los productos de Conceptronic, visite la página web de Conceptronic **www.conceptronic.net**.

La información de este manual está basada en Windows 7 y Vista, y las indicaciones podrían no coincidir exactamente con su caso si utiliza un sistema operativo diferente.

Nota: Esta guía de instalación rápida sólo explica los pasos básicos para configurar y hacer funcionar el C150BRS4.
Para más información acerca de las diferentes funciones del C150BRS4, consulte el Manual de usuario (sólo en inglés) que encontrará en el CR-ROM del producto. Espere a que aparezca el menú autoejecutable y seleccione **'View User Manual'** (**Ver el Manual de usuario**).

Contenidos

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- 2.2. Panel posterior

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- 3.1. Puerto WAN
- 3.2. Puertos LAN

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7. Asignación de puertos

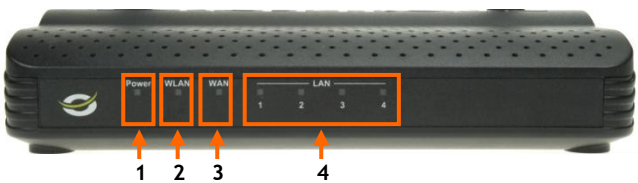
1. Contenido del paquete

El paquete del router inalámbrico 150N de Conceptronic contiene los elementos siguientes:

- C150BRS4, router inalámbrico 150N de Conceptronic
- Fuente de alimentación (12V CC, 1 A)
- Cable de red (LAN)
- CD-ROM del producto
- Esta guía de instalación rápida en varios idiomas
- Tarjeta de garantía y folleto de declaración de conformidad CE

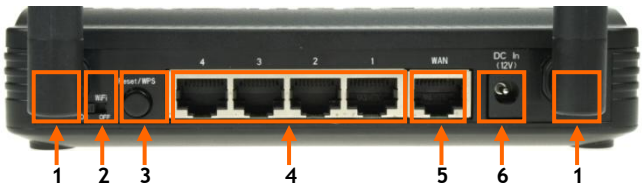
2. Descripción del C150BRS4

2.1 Panel frontal



Nº	Descripción	Estado	Descripción del estado de los LED
1	LED de encendido	**OFF** **ON**	El dispositivo está apagado El dispositivo está encendido
2	LED WLAN/WPS	**OFF** **ON - FIJO** **ON - PARPADEO**	La red inalámbrica está desactivada Función WPS inalámbrica habilitada Actividad en la red inalámbrica (enviando o recibiendo datos)
3	LED WAN	**OFF** **ON - FIJO** **ON - PARPADEO**	El puerto WAN no está conectado El puerto WAN está conectado Actividad en el puerto WAN (enviando o recibiendo datos)
4	LEDs de LAN (1, 2, 3, 4)	**OFF** **ON - FIJO** **ON - PARPADEO**	El puerto LAN no está conectado El puerto LAN está conectado Actividad en el puerto LAN (enviando o recibiendo datos)

2.2 Panel posterior



Nº	Descripción	Explicación
1	Antenas inalámbricas (2x)	Dos antenas fijas para envío de datos de forma inalámbrica.
2	Interruptor ON/OFF de la radio	Para encender o apagar la radio inalámbrica.
3	Botón reset/WPS	Activar la función WPS (pulsación breve) o realizar un reset (mantener pulsado).
4	Puertos LAN (1-4)	Para conectar el o los ordenadores o dispositivos de red al router.
5	Puerto WAN	Para conectar la conexión de banda ancha al router.
6	Conexión de alimentación	Para enchufar la fuente de alimentación al router.

3. Conexión de los cables

Conecte la fuente de alimentación al conector de la parte trasera del C150BRS4 y a un enchufe de pared disponible. Se encenderá el LED de encendido de la parte frontal del C150BRS4.

3.1 Puerto WAN

Utilice un cable de red (LAN) para conectar el C150BRS4 al módem de banda ancha.
Se encenderá el LED WAN de la parte frontal del C150BRS4.

Nota: Si el LED WAN de la parte frontal no se enciende, asegúrese de que:
- El C150BRS4 está enchufado (el LED de encendido debería estar encendido).
- El módem de banda ancha está encendido.
- El cable de red (LAN) entre ambos dispositivos está correctamente conectado.

3.2 Puertos LAN

Conecte el cable de red (LAN) a uno de los cuatro puertos LAN del panel posterior del C150BRS4 y a la tarjeta de red de su ordenador.
El LED LAN del puerto LAN utilizado se encenderá, indicando que el ordenador está conectado. (Su ordenador tiene que estar encendido y la conexión LAN habilitada).

4. Configuración del ordenador

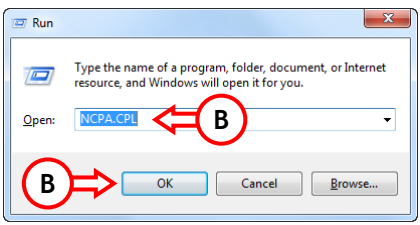
4.1 Configurar la dirección IP

El C150BRS4 está equipado con un servidor DHCP incorporado. El servidor DHCP asignará automáticamente una dirección IP a cada ordenador conectado que esté configurado para obtener una dirección IP automáticamente.

La mayoría de ordenadores están configurados de forma predeterminada para que obtengan la dirección IP automáticamente. Si éste no fuera su caso, necesitará configurar su ordenador para que obtenga la dirección IP automáticamente; para ello, siga las instrucciones siguientes.

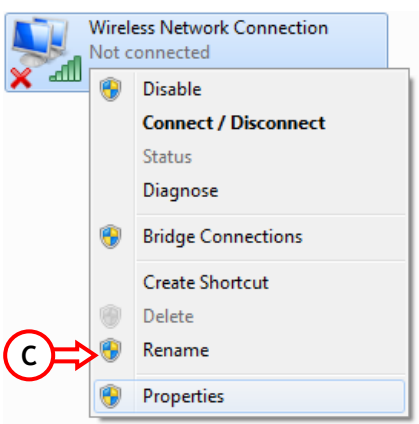
A. Haga clic en **"Inicio"**, **"Todos los programas"**, **"Accesorios"** y haga clic en **"Ejecutar"**.

B. Introduzca el comando **"NCPA.CPL"** y pulse **"OK"**.



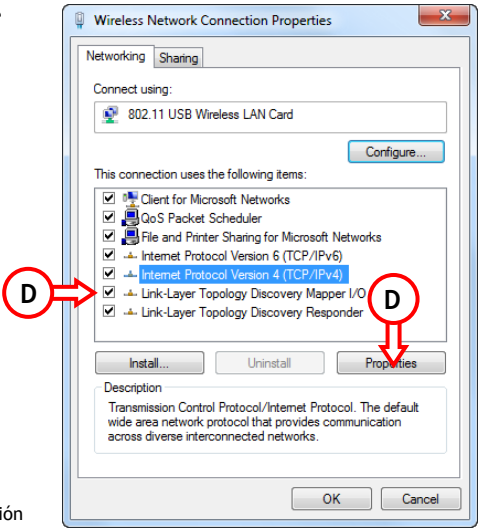
Aparecerá la ventana de conexiones de red.

C. Haga clic con el botón derecho en **"Conexión de área local"** o en **"Conexión de red inalámbrica"** (dependiendo del tipo de conexión que utilice) y seleccione **"Propiedades"**.



Aparecerá la ventana de propiedades de la conexión de área local o de la conexión de red inalámbrica.

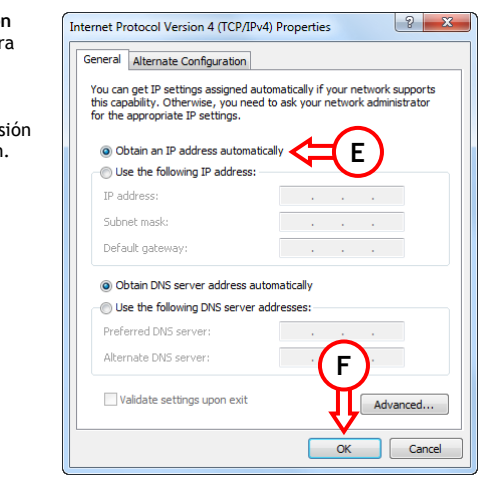
D. Seleccione la **"Versión 4 del protocolo de Internet (TCP/IPv4)"** y haga clic en **"Propiedades"**.



Aparecerá la ventana de propiedades de la Versión 4 del protocolo de Internet (TCP/IPv4).

E. Seleccione la opción **"Obtener la dirección de IP automáticamente"** y pulse **"OK"** para guardar la configuración.

F. Haga clic en **"OK"** en la ventana de propiedades del Protocolo de Internet Versión 4 (TCP/IPv4) para guardar la configuración.



4.2 Comprobar la conexión

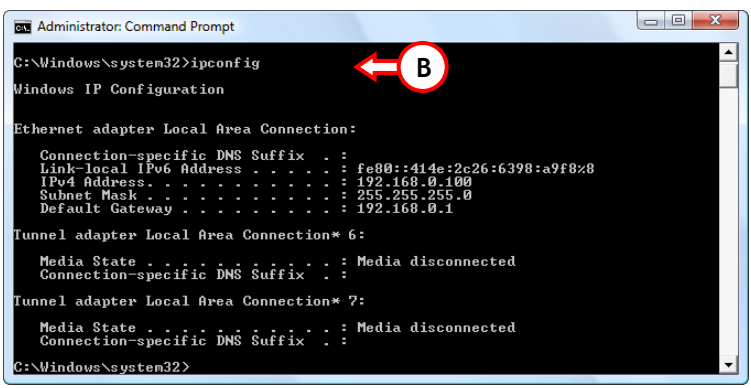
Haciendo uso de la línea de comandos de Windows puede verificar si ha recibido una dirección de IP correcta en su conexión de área local o conexión de red inalámbrica. Este ejemplo está basado en Windows 7 y Windows Vista con Service Pack 1. Con Windows 7 y Vista se necesitan derechos de administrador para poder realizar los pasos siguientes, lo cual se explica a continuación.

A. Haga clic en **"Inicio"**, **"Todos los programas"**, **"Accesorios"**, haga clic con el botón derecho en **"Línea de comandos"** y seleccione **"Utilizar como administrador"**.

Puede que aparezca un mensaje de aviso, en el que deberá hacer clic en **"Continuar"** o **"Sí"**.

A continuación aparecerá la ventana de la línea de comandos. Asegúrese de que en la barra de título ponga **"Administrador: línea de comandos"**. Si no se menciona **"Administrador"**, significa que no tiene los derechos de administrador y no podrá seguir con los pasos siguientes, y deberá realizar el paso A de nuevo.

B. Introduzca el comando **"IPCONFIG"** y pulse la tecla **"ENTER"** del teclado.

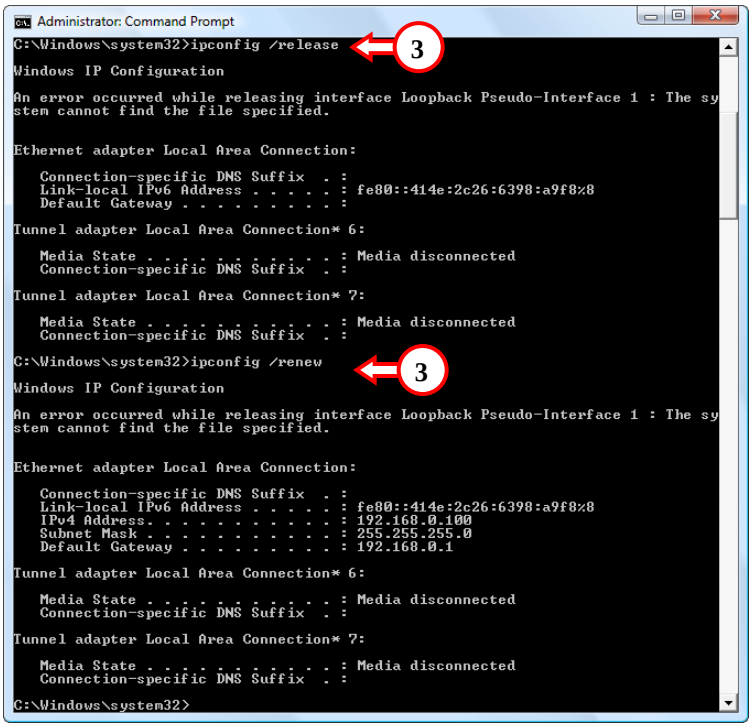


Debería ver la información siguiente:
Dirección IPv4 : **192.168.0.xxx (donde xxx puede ser un número entre 100 y 199).**
Máscara de subred : **255.255.255.0**
Puerta de enlace predeterminada : **192.168.0.1**

Si la información mostrada arriba concuerda con su configuración, puede continuar con la configuración del router en el apartado **5**.

Si la información mostrada arriba no concuerda con su configuración (por ejemplo, si su dirección IP es 169.254.xxx.xxx), deberá realizar los pasos siguientes:

1. Desconecte y vuelva a conectar la alimentación eléctrica del router.
2. Desconecte el cable de red del dispositivo y del ordenador y vuelva a conectarlo.
3. Renueve la dirección IP de su ordenador con los comandos siguientes:
   - **"IPCONFIG /RELEASE"** : para prescindir de la dirección IP incorrecta.
   - **"IPCONFIG /RENEW"** : para volver a obtener una dirección IP.



Si los pasos de arriba no solucionan el problema con la dirección IP, puede hacer un "reset" para que el dispositivo vuelva a la configuración de fábrica pulsando el botón "Reset" de la parte posterior del dispositivo.
Pulse y mantenga pulsado el botón reset (unos 10 segundos) hasta que el LED de encendido empiece a parpadear. Esto hará que se reinicie el router y se cargue su configuración predeterminada. Cuando el LED de encendido esté encendido de nuevo sin parpadear, repita el paso B para renovar la dirección IP.

Nota: Si el problema continúa, compruebe que todos los cables estén conectados correctamente. El puerto WAN debe estar conectado al módem y al puerto LAN del ordenador. Si se conectan incorrectamente puede provocar que se obtenga una dirección IP incorrecta.

5. Configuración del C150BRS4

Este apartado describe cómo configurar el C150BRS4 mediante el asistente de configuración incorporado. Cuando haya completado los pasos de este apartado, su router estará listo para sus funciones básicas.

5.1 Iniciar sesión

La configuración del C150BRS4 se realiza a través de Internet. Esto significa que deberá configurar el C150BRS4 con un ordenador que disponga de navegador de Internet.

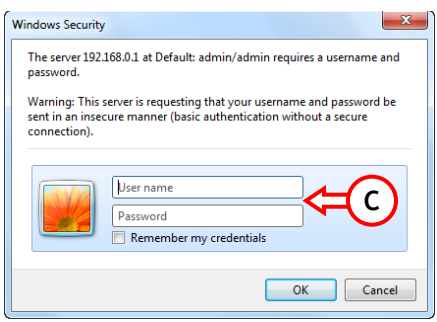
Nota: Se recomienda encarecidamente no utilizar una conexión inalámbrica para configurar el C150BRS4, ya que se podría perder la conexión mientras se estuvieran ajustando los parámetros. Por ello se recomienda utilizar un ordenador que esté conectado al C150BRS4 mediante un cable de red.

Para iniciar sesión en el C150BRS4, siga los siguientes pasos:

A. Inicie su navegador de Internet (como Internet Explorer, Firefox, Safari o Chrome).

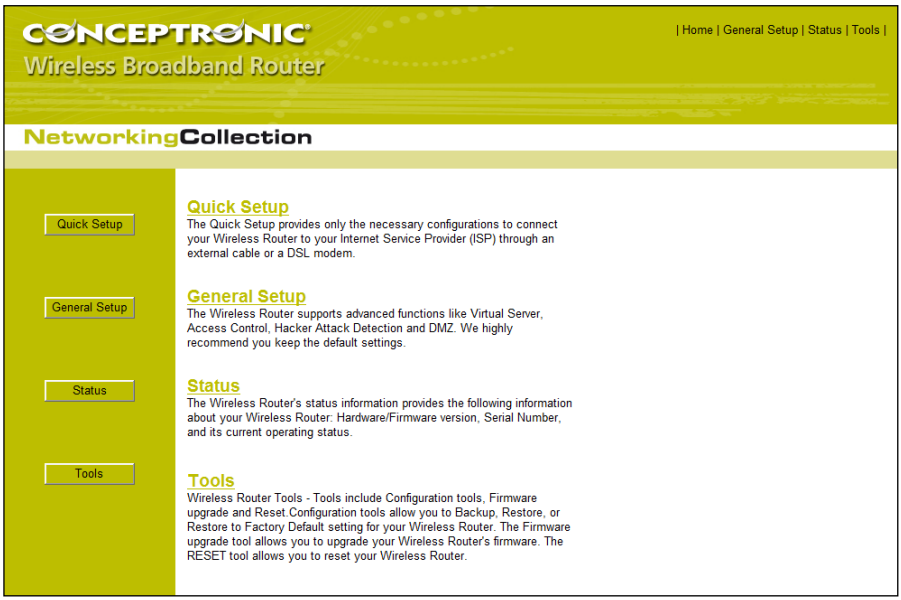
B. Introduzca la dirección IP del router en la barra de direcciones de su navegador de Internet.
Predeterminado: **: http://192.168.0.1/**

Aparecerá una ventana que le pedirá que introduzca el nombre de usuario y la contraseña.



C. Introduzca el nombre de usuario y la contraseña y haga clic en **"OK"** para acceder a la página de configuración vía web.
Nombre de usuario predeterminado: **"admin"**.
Contraseña predeterminada: **"admin"**.

Si el nombre de usuario y la contraseña son correctos, el router mostrará la página principal:



Desde la página principal podrá escoger fácilmente una de las cuatro opciones principales de la configuración vía web del C150BRS4:

- **Configuración rápida** : Configuración rápida del C150BRS4 para su primer uso (explicado en el apartado **5.2**)
- **Configuración general** : Cambiar opciones avanzadas (explicado en el apartado **5.3**)
- **Estado** : Comprobar el estado del router, clientes conectados y archivos de registro.
- **Herramientas** : Realizar copia de seguridad de la configuración, actualizar el firmware o reiniciar el router.

Nota: Es posible escoger una de las cuatro principales opciones en cualquier momento (excepto Configuración rápida) en la parte superior derecha de la página. También puede volver a la página principal haciendo clic en **"Home"**

5.2 Asistente de configuración rápida

El **asistente de configuración rápida** le guiará paso a paso en la configuración básica del C150BRS4.

Nota: Antes de iniciar el **asistente de configuración rápida**, asegúrese de que tiene a mano toda la información acerca de su conexión a Internet.
Por ejemplo: tipo de conexión, información de su cuenta, etc.

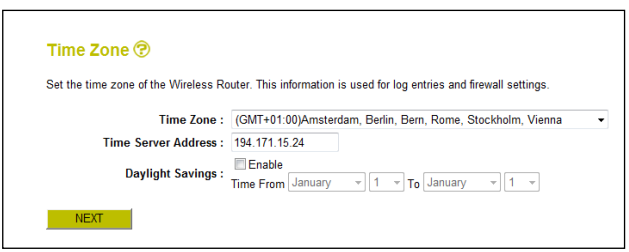
Nota: En lo que se refiere a este apartado, si no sabe qué opción escoger o no dispone de la información necesaria, deberá consultar la documentación de su conexión a Internet o contactar con su proveedor de Internet.

A. Haga clic en "**Configuración rápida**" en la página principal.

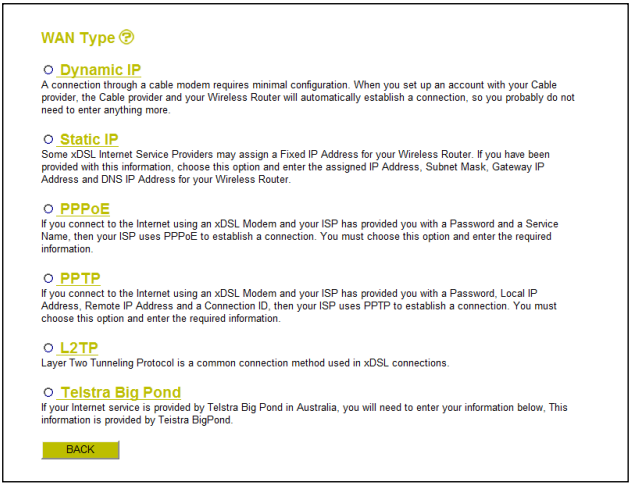
B. A efectos de gestión del sistema, es muy importante que la configuración horaria sea la correcta para que las etiquetas horarias de las entradas del registro del sistema sean también correctas.

Seleccione la zona horaria correcta y, si es necesario, cambie la dirección del servidor que proporciona la hora y/o active el ajuste de horario de verano.

Una vez hecho, haga clic en el botón **"Siguiente"** para continuar.



C. Seleccione el tipo de WAN correspondiente a la configuración de su proveedor de Internet.

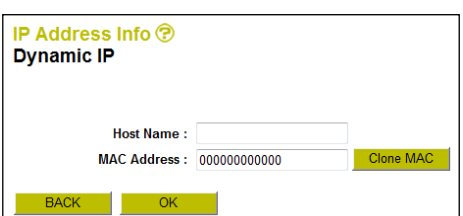


1. IP dinámica

Algunos proveedores de Internet requieren un nombre de host específico para sus conexiones. Si este es el caso de su conexión, introduzca aquí el nombre de host.

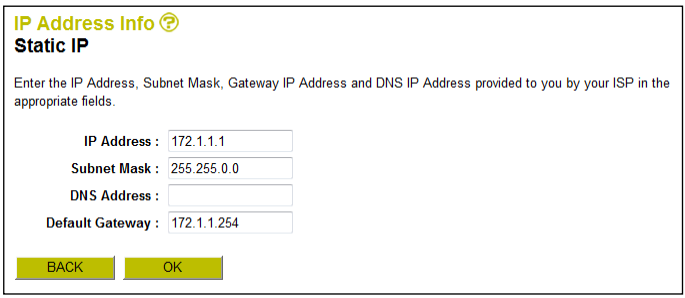
Algunos proveedores sólo permiten una dirección MAC específica para la conexión a Internet. En ese caso, deberá clonar la dirección MAC del ordenador que ha utilizado para conectarse a Internet haciendo clic en el botón **"Clone MAC"** o introduciendo la dirección MAC manualmente.

Una vez hecho, haga clic en el botón **"OK"** para continuar.



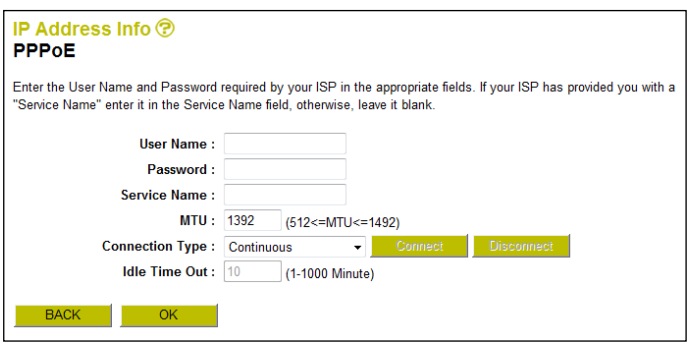
2. **IP estática**
Introduzca los parámetros de la IP estática proporcionados por su proveedor en los campos correspondientes.

Una vez hecho, haga clic en el botón "**OK**" para continuar.



3. **PPPoE**
Introduzca los parámetros del protocolo PPPoE proporcionados por su proveedor en los campos correspondientes.

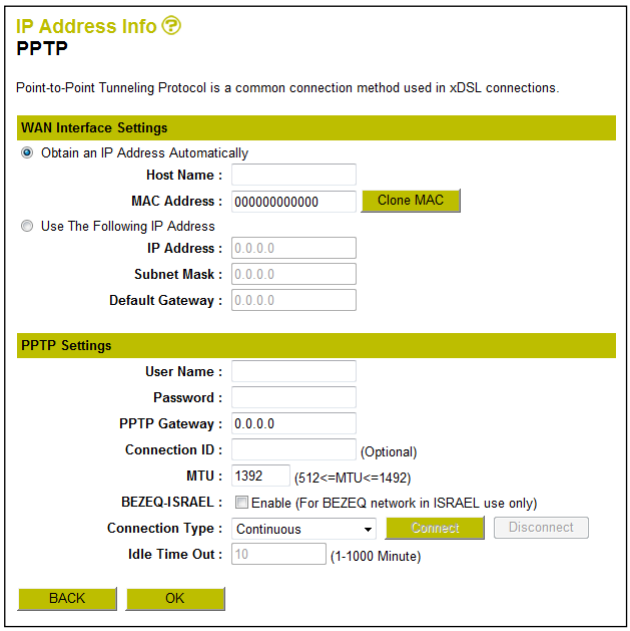
Una vez hecho, haga clic en el botón "**OK**" para continuar.



4. PPTP

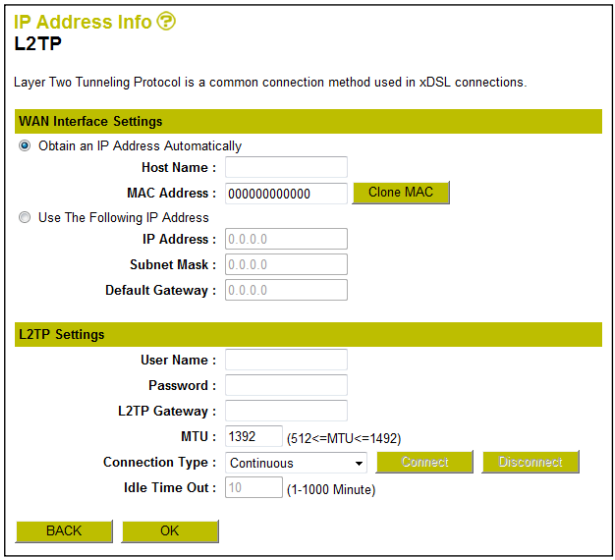
Introduzca los parámetros del protocolo PPTP proporcionados por su proveedor en los campos correspondientes.

Una vez hecho, haga clic en el botón "**OK**" para continuar.



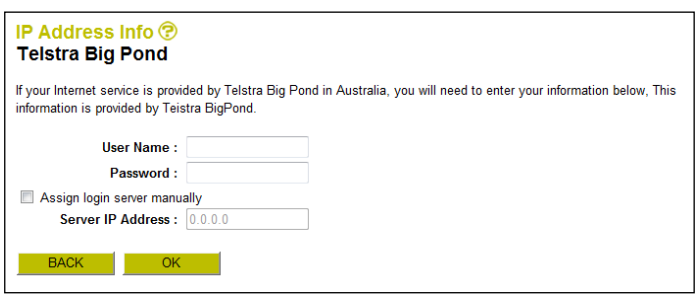
5. **L2TP**
Introduzca los parámetros del protocolo L2TP proporcionados por su proveedor en los campos correspondientes.

Una vez hecho, haga clic en el botón "**OK**" para continuar.



6. **Telstra Big Pond**
Introduzca el nombre de usuario y contraseña y, en caso necesario, asigne manualmente una dirección IP de servidor.

Una vez hecho, haga clic en el botón "**OK**" para continuar.



D. La configuración se guardará automáticamente.
Haga clic en el botón **"Aplicar"** para reiniciar el router.

Nota: Cuando realice cambios en la configuración del C150BRS4 siempre se le pedirá que escoja una de las siguientes dos opciones:

- **Continuar** : Continuar realizando cambios (los cambios todavía no están guardados).
- **Aplicar** : Aplicar todos los cambios guardándolos en la configuración y reiniciando el router.

Nota: De forma predeterminada, la red inalámbrica del C150BRS4 está protegida con WPA-PSK/WPA2-PSK (modo mixto). Esto significa que no tendrá que proteger manualmente la red inalámbrica. Consulte el apartado **5.3** si desea cambiar manualmente la configuración de protección del C150BRS4.

5.3 Opciones avanzadas

Esta guía de instalación rápida sólo explica los pasos básicos para configurar y hacer funcionar el C150BRS4. Para una configuración avanzada o encontrar información más detallada, consulte el Manual de usuario (sólo en inglés) que encontrará en el CD-ROM del producto.

Introduzca el CD-ROM del producto en la unidad óptica, espere a que aparezca el menú autoejecutable y seleccione **"View User Manual"** (**Ver el Manual de usuario**).

Nota: Para poder ver este manual, deberá tener Adobe Reader instalado. Si no lo tiene instalado en su ordenador, puede seleccionar "**Install Adobe Reader**" (**Instalar Adobe Reader**) en el menú autoejecutable (sólo Windows).

¡Su router inalámbrico 150N de Conceptronic ya está listo para ser utilizado!

6. Conexión a una red inalámbrica

Existen dos formas de conectarse de forma inalámbrica al C150BRS4:

- Manualmente.
- Automáticamente utilizando la función WPS.

¡NOTA IMPORTANTE!

El C150BRS4 está protegido con cifrado WPA-PSK/WPA2-PSK (modo mixto) de forma predeterminada. La frase secreta WPA (única) puede encontrarse en la etiqueta del producto situada en la base del C150BRS4.

Casi todas las marcas o tipos de tarjetas inalámbricas utilizan aplicaciones de cliente distintas. Consulte la información del manual de su tarjeta de red inalámbrica acerca de cómo crear una conexión con una red inalámbrica.

6.1 Conexión manual con Windows 7

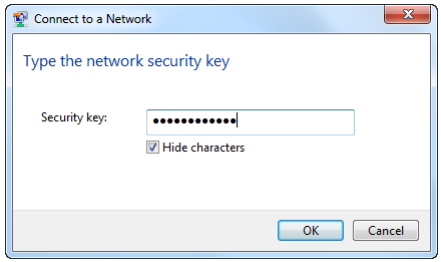
En el siguiente ejemplo se utiliza la opción integrada **"Conectarse a una red"** de Windows 7.

A Haga clic en el icono **"Red"** de la barra de tareas para ver la lista de conexiones a redes inalámbricas disponibles.

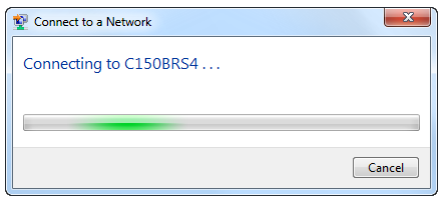
B. Seleccione la red **"C150BRS4"** de la lisa y haga clic en **"Conectar"**.

De forma predeterminada estará seleccionada la opción "**Conectarse automáticamente**". Esto hace que la conexión se realice automáticamente cada vez que encienda el ordenador. Si no desea que esto ocurra, desactive esta opción antes de hacer clic en **"Conectar"**.

C. Introduzca la frase secreta WPA predeterminada (que encontrará en la parte inferior del C150BRS4) en el campo **"Clave de seguridad"** y haga clic en **"Conectar"**.



D. El cliente iniciará ahora su conexión a la red inalámbrica.

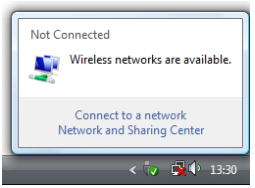


E. Para comprobar el estado de la conexión inalámbrica, puede hacer clic en el icono **"Red"** de la barra de tareas. Podrá ver a qué red está actualmente conectado, el tipo de acceso y el nivel de la señal de conexión.

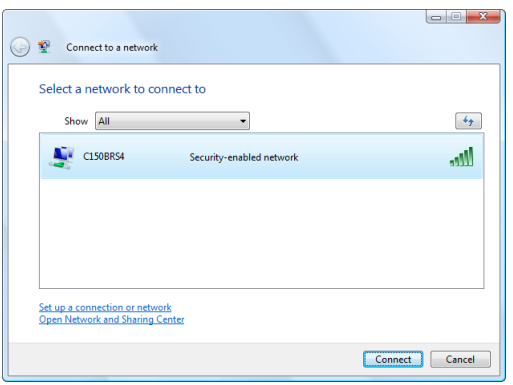
6.2 Conexión manual con Windows Vista

En el siguiente ejemplo se utiliza la opción integrada **"Conectarse a una red"** de Windows Vista con Service Pack 1.

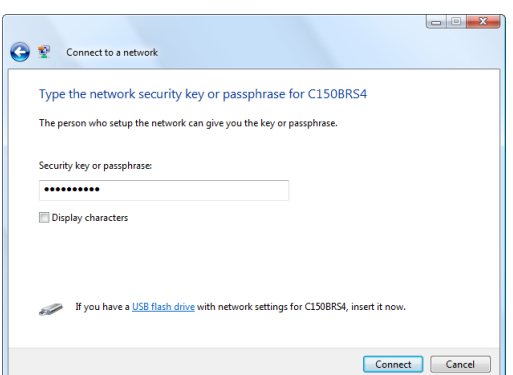
A Haga clic en el icono de red de la bandeja del sistema y haga clic en **"Hay disponibles redes inalámbricas"**.



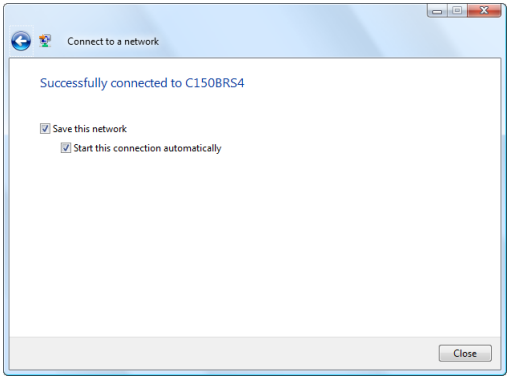
B. Seleccione la red **"C150BRS4"** de la lisa y haga clic en **"Conectar"**.



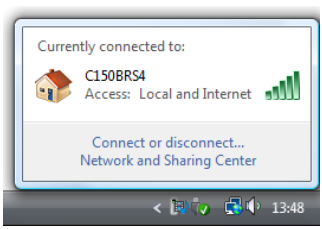
C. Introduzca la frase secreta WPA predeterminada (que encontrará en la parte inferior del C150BRS4) en el campo **"Clave o frase de seguridad"** y haga clic en **"Conectar"**.



D. Una vez se ha establecido la conexión, puede guardar la red y hacer que se inicie automáticamente cada vez que encienda el ordenador. Haga clic en **"Cerrar"** para salir del asistente de conexión.



E. Para comprobar el estado de la conexión inalámbrica, puede hacer clic en el icono de red de la bandeja del sistema. Podrá ver a qué red está actualmente conectado, el tipo de acceso y el nivel de la señal de conexión.



6.3 Conexión automática utilizando WPS

El C150BRS4 de Conceptronic es compatible con la función WPS (configuración Wi-Fi protegida). La función WPS es un procedimiento para establecer una red inalámbrica de forma fácil y segura. Con esta función podrá configurar y proteger su red inalámbrica siguiendo tan sólo unos pasos muy sencillos.

Nota: Para usar la función WPS con el C150BRS4, deberá tener clientes inalámbricos compatibles con dicha función. Si tiene uno o más clientes inalámbricos que no son compatibles con la función WPS, se recomienda que se conecte al C150BRS4 manualmente utilizando la clave WPA preconfigurada que aparece en la base del C150BRS4. Consulte el apartado **6.1** ó **6.2** para más información sobre cómo conectarse manualmente a la red inalámbrica.

Nota: Si desea más información (general o técnica) sobre la función WPS, puede visitar el sitio web siguiente:
http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

El C150BRS4 ofrece dos maneras para activar y establecer una conexión WPS:
- **Tecnología "Push Button"**
- **Tecnología de código PIN**

WPS con la tecnología "Push Button"

La tecnología "Push Button" para WPS requiere un botón (o botón virtual) en el cliente inalámbrico para establecer una conexión entre el C150BRS4 y el cliente inalámbrico.
Algunos clientes inalámbricos utilizan un botón real para activar la tecnología "Push Button" para WPS, mientras que otros emplean un botón virtual basado en software.

Siga los pasos siguientes para activar y establecer una conexión WPS con la tecnología "Push Button":

A. Pulse el botón WPS en la parte posterior del C150BRS4; el LED WLAN/WPS se encenderá sin parpadear, lo que indicará que se ha iniciado la autenticación WPS.

B. Pulse el botón WPS del cliente inalámbrico. Puede tratarse de un botón real o de un botón virtual en el software del cliente inalámbrico.

Nota: El C150BRS4 mantendrá activa la autenticación WPS durante 120 segundos. Durante este proceso, el LED WLAN/WPS se encenderá sin parpadear. Si no hay conexión WPS durante estos 120 segundos, el LED volverá a su estado inicial y la autenticación WPS se detendrá.

Si la autenticación WPS se ha realizado correctamente, el LED WLAN/WPS volverá a su estado inicial.

El cliente inalámbrico se encuentra ahora conectado a la red inalámbrica protegida del C150BRS4.
Puede añadir más clientes inalámbricos sin perder la conexión con los clientes inalámbricos anteriores. Si desea añadir más clientes inalámbricos, deberá repetir los pasos **A** y **B**.

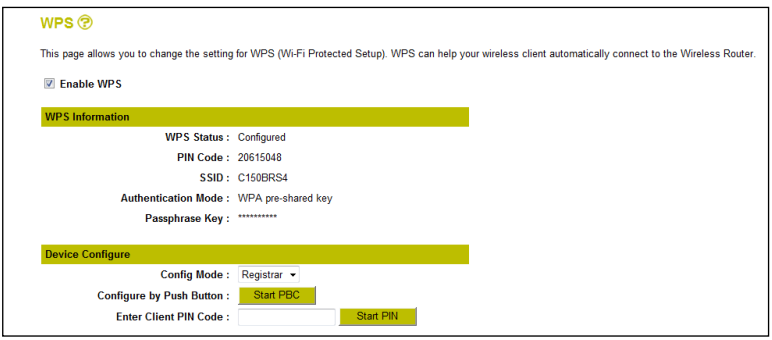
WPS con tecnología de código PIN

Si su cliente inalámbrico es compatible con WPS pero no tiene ningún botón "Push Button" real o virtual, puede utilizar la tecnología de código PIN para establecer una conexión WPS.

Nota: Para activar la función código PIN WPS, necesitará un ordenador con conexión por cable al C150BRS4.

A. Entre en la página de configuración vía web tal como se describe en el apartado **5.1.**
B. Seleccione **"Configuración general"**, luego **"Inalámbrica"** y finalmente **"WPS"**.

A continuación, aparecerá la página de configuración WPS.

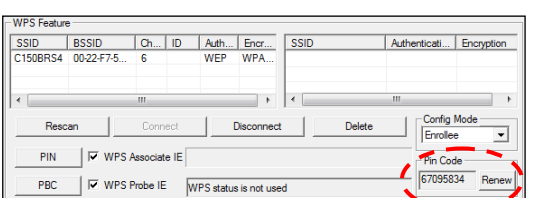


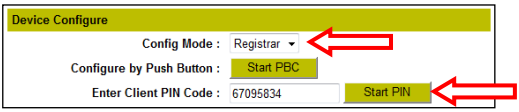
En la página de configuración WPS, podrá activar la autenticación con "Push Button" virtual o con código PIN.
La autenticación con código PIN puede iniciarse de 2 formas diferentes:

---

1. El cliente inalámbrico proporcionará el código PIN, el cual será introducido en el router.
En este supuesto, el cliente inalámbrico será el "Enrollee" (Inscrito) y el router será el "Registrar" (Registrador).

A. Inicie el cliente inalámbrico y busque el código PIN proporcionado, tal como se muestra en el ejemplo siguiente:



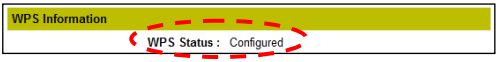


B. Asegúrese de que el modo de configuración (**"Config Mode"**) de la página de configuración WPS es "**Registrar**".
C. Introduzca el código PIN proporcionado por el cliente inalámbrico en el campo **"Introducir código PIN del cliente"**.
D. Haga clic en el botón **"Iniciar PIN".**

El C150BRS4 mantendrá activa la autenticación WPS para conexiones entrantes con ese código PIN durante 120 segundos.

E. Inicie la conexión con código PIN de su cliente inalámbrico.

El cliente inalámbrico se conectará a la red inalámbrica protegida del C150BRS4. Cuando se haya establecido conexión, el C150BRS4 detendrá la búsqueda de autenticación WPS y en el estado WPS de la configuración WPS aparecerá **"Configurado"**.



Si desea añadir más clientes inalámbricos con la función WPS, repita los pasos de **A** a **E**.

---

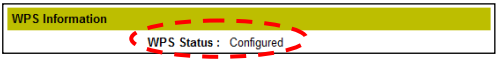
2. El router proporcionará el código PIN, el cual será introducido en el cliente inalámbrico.
En este supuesto, el router será el "Enrollee" (Inscrito) y el cliente inalámbrico será el "Registrar" (Registrador).

A. En la página de configuración WPS, en la opción **"Config Mode"** (**Modo de configuración**), escoja **"Enrollee"** y anote el código PIN que aparece en la sección **"Código PIN"**.
B. Haga clic en el botón **"Iniciar PIN".**

El C150BRS4 mantendrá activa la autenticación WPS para conexiones entrantes con el código PIN generado durante 120 segundos.

C. Introduzca el código PIN proporcionado por el C150BRS4 en el software del cliente inalámbrico, establezca el cliente inalámbrico como **"Registrar"** e inicie la conexión por código PIN.

El cliente inalámbrico se conectará a la red inalámbrica protegida del C150BRS4. Cuando se haya establecido conexión, el C150BRS4 detendrá la búsqueda de autenticación WPS y en el estado WPS de la configuración WPS aparecerá **"Configurado"**.



Si desea añadir más clientes inalámbricos con la función WPS, repita los pasos de **A** a **C**.

7. Asignación de puertos

El C150BRS4 de Conceptronic está equipado con un cortafuegos para impedir ataques a su red desde Internet. Este cortafuegos bloqueará automáticamente todo tráfico entrante por puertos no utilizados. Cuando un puerto bloqueado se necesite para algún servicio o aplicación (por ejemplo: un servidor FTP o un servidor web), puede crear una regla de servidor virtual en la página de configuración para redirigir el tráfico.

El C150BRS4 también es compatible con la asignación de puertos UPnP, lo que permitirá a aplicaciones UPnP locales añadir redireccionamientos de puertos a la configuración del router. Esto significa que si utiliza una aplicación compatible con UPnP, no necesitará crear manualmente ninguna regla de servidor virtual en el C150BRS4 para esa aplicación.
En el caso de que no esté disponible el protocolo UPnP o necesite añadir una regla de servidor virtual por cualquier otro motivo, se recomienda configurar el ordenador y/o el dispositivo de red para que funcionen con una dirección IP estática en vez de con una dirección dinámica.

A continuación encontrará una lista de los puertos más utilizados y sus correspondientes aplicaciones:

Puerto	Aplicación	Puerto	Aplicación
20	Datos FTP (servidor FTP)	**80**	HTTP (servidor web)
21	Datos FTP (servidor FTP)	**110**	POP3 (Servidor de correo entrante)
22	SSH (Secure Shell)	**2000**	Remotely Anywhere
23	Telnet	**5800**	VNC
25	SMTP (Servidor de correo saliente)	**5900**	VNC

Para información sobre otros puertos y sus correspondientes aplicaciones, visite: http://portforward.com/cports.htm.

Nota: Para información más detallada acerca del servidor virtual y las opciones de DMZ, consulte el Manual de usuario (sólo en inglés) que encontrará en el CD-ROM del producto. Seleccione **"View User Manual"** (**Ver el Manual de usuario**) en el menú autoejecutable.

A. Entre en la página de configuración vía web tal como se describe en el apartado **5.1.**

B. Para abrir la página de configuración del servidor virtual, haga clic en **"Configuración general"**, luego en **"NAT"** y finalmente en **"Servidor virtual"**.

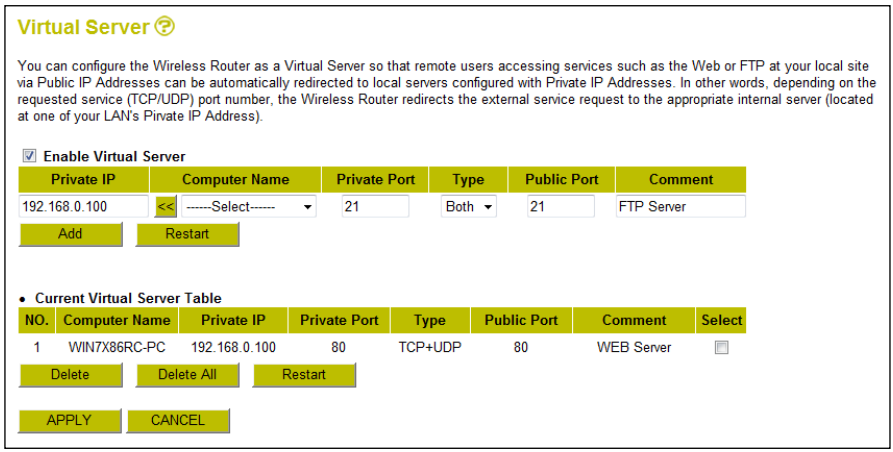
C. Active el servidor virtual seleccionando la casilla **"Activar servidor virtual"**.

D. Introduzca la información necesaria para la regla de servidor virtual en los siguientes campos:
- **IP privada** : Introduzca la dirección IP local del ordenador o dispositivo.
- **Puerto privado**: Introduzca el puerto local deseado para el ordenador o dispositivo.
- **Tipo** : Seleccione el tipo de tráfico de red que hay que redireccionar.
- **Puerto público**: Introduzca el puerto que debe estar visible en el exterior de su conexión a Internet.
- **Comentario** : De forma opcional, puede añadir un nombre para reconocer fácilmente la regla de servidor virtual.

Nota: Si el ordenador o dispositivo está conectado al router, también puede seleccionar su nombre en la lista desplegable llamada "**Nombre del ordenador**" y pulsar el botón "**<<**" para añadir automáticamente su dirección IP.

E. Haga clic en el botón **"Añadir"** para añadir la nueva regla a la tabla del servidor virtual.

Nota: En la imagen de abajo verá un ejemplo de configuración de un servidor virtual.



Nota: Si no sabe qué protocolo (**"Tipo"**) necesita para la regla de servidor virtual, seleccione **"Ambos"**. Esta opción redireccionará tanto el trafico TCP como el UDP hacia la dirección IP configurada.

F. Cuando haya acabado de añadir reglas de servidor virtual, haga clic en el botón **"Aplicar"** para guardar la configuración. En la página siguiente, haga clic de nuevo en **"Aplicar"** para reiniciar el router.

Una vez se haya reiniciado el router, entrará en vigor la nueva configuración y se aplicarán las reglas de servidor virtual.

Las reglas de servidor virtual definidas ya están listas para ser utilizadas.

Nota: Para información más detallada acerca de las funciones y configuraciones del C150BRS4 disponibles, consulte el Manual de usuario (sólo en inglés) que encontrará en el CD-ROM del producto. Seleccione **"View User Manual"** (**Ver el Manual de usuario**) en el menú autoejecutable.

Conceptronic C150BRS4 version 2.0

Schnellinstallationsanleitung

Wir gratulieren Ihnen zum Kauf Ihres Conceptronic 150N Wireless Routers

In dieser Schnellinstallationsanleitung wird Ihnen Schritt für Schritt gezeigt, wie der Conceptronic C150BRS4 installiert und verwendet wird.

Wenn Sie weitere Informationen oder Support für Ihr Produkt benötigen, besuchen Sie unsere **Service & Support**-Webseite **www.conceptronic.net/support** und wählen Sie eine der folgenden Optionen:

- **FAQ** : Datenbank mit häufig gestellten Fragen
- **Downloads** : Handbücher, Treiber, Firmware und weitere Downloads
- **Kontakt** : Kontakt für den Conceptronic-Support

Allgemeine Informationen über Conceptronic-Produkte finden Sie auf der Conceptronic-Webseite unter **www.conceptronic.net**.

Die Informationen in dieser Schnellinstallationsanleitung basieren auf Windows 7 und Windows Vista und treffen möglicherweise nicht vollständig zu, wenn Sie ein anderes Betriebssystem auf Ihrem Computer verwenden.

Hinweis: Diese Schnellinstallationsanleitung erklärt lediglich die Grundschritte, die durchgeführt werden müssen, um den C150BRS4 betriebsbereit zu machen.
Weitere Informationen über die verschiedenen Funktionen des C150BRS4 finden Sie im Benutzerhandbuch auf der im Lieferumfang enthaltenen CD-ROM (nur in Englisch). Klicken Sie dazu im Autorun-Menü auf **‚View User Manual [Benutzerhandbuch öffnen]'**.

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7. Port Mapping

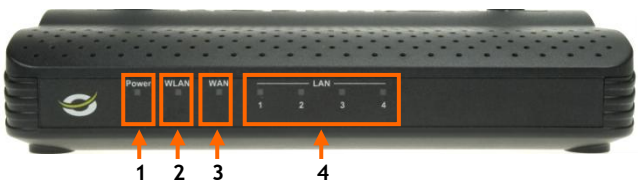
1. Packungsinhalt

In der Verpackung des Conceptronic 150N Wireless Routers ist Folgendes enthalten:

- Conceptronic C150BRS4 – 150N Wireless Router
- Netzteil 12V Gleichstrom 0.5A
- Netzwerkkabel (LAN)
- Produkt-CD-ROM
- Diese mehrsprachige Schnellinstallationsanleitung
- Garantiekarte und Broschüre mit CE-Erklärung

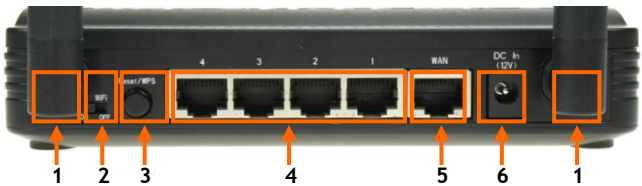
2. Erläuterungen zum C150BRS4

2.1 Vorderseite



Nr.	Beschreibung	Status	Status-Erklärung
1	Power LED-Anzeige	**AUS** **EIN**	Das Gerät ist ausgeschaltet Das Gerät ist eingeschaltet
2	WLAN-/WPS-LED-Anzeige	**AUS** **EIN - DAUERLICHT** **EIN - BLINKEND**	Das drahtlose Netzwerk ist ausgeschaltet Die drahtlose WPS-Funktion ist aktiviert Aktivität des drahtlosen Netzwerks (Senden oder Empfangen von Daten)
3	WAN LED-Anzeige	**AUS** **EIN - DAUERLICHT** **EIN - BLINKEND**	WAN-Port ist nicht verbunden WAN-Port ist verbunden WAN-Port-Aktivität (Senden oder Empfangen von Daten)
4	LAN-LED-Anzeigen (1, 2, 3, 4)	**AUS** **EIN - DAUERLICHT** **EIN - BLINKEND**	LAN-Port ist nicht verbunden LAN-Port ist verbunden LAN-Port-Aktivität (Senden oder Empfangen von Daten)

2.2 Rückseite



Nr.	Beschreibung	Erklärung
1	Drahtlose Antennen (2x)	Zwei integrierte Antennen für Drahtlosübertragung
2	Funk-EIN-/AUS-Schalter	Ein-/Ausschalten des Funks
3	Reset-/WPS-Taste	Aktivierung der WPS-Funktion (kurz drücken) oder Durchführen eines Resets (drücken und halten)
4	LAN-Ports (1 – 4)	Anschluss von Computern/Netzwerkgeräten an den Router
5	WAN-Port	Anschluss der Breitbandverbindung an den Router
6	Stromanschluss	Anschluss der Stromversorgung an den Router

3. Anschluss der Kabel

Schließen Sie das Netzteil am Stromanschluss auf der Rückseite des C150BRS4 und an der Stromversorgung an. Daraufhin leuchtet die Power-LED-Anzeige auf der Vorderseite des C150BRS4.

3.1 WAN-Port

Schließen Sie den C150BRS4 mit einem Netzwerkkabel (LAN) an Ihrem Breitbandmodem an.
Daraufhin leuchtet die WAN-LED-Anzeige auf der Vorderseite des C150BRS4.

Hinweis: Wenn die WAN-LED-Anzeige auf der Vorderseite nicht leuchtet, vergewissern Sie sich, dass:
- der C150BRS4 eingeschaltet ist (die Power-LED-Anzeige sollte leuchten),
- das Breitband-Modem eingeschaltet ist,
- das Netzwerkkabel (LAN) an beiden Geräten korrekt angeschlossen ist.

3.2 LAN-Port(s)

Schließen Sie das Netzwerkkabel (LAN) an einen der vier LAN-Ports auf der Rückseite des C150BRS4 und an die Netzwerkkarte Ihres Computers an.
Daraufhin beginnt die LAN-LED-Anzeige des verwendeten LAN-Ports zu leuchten und zeigt damit an, dass der Computer angeschlossen ist. (Ihr Computer muss eingeschaltet und die LAN-Verbindung muss aktiviert sein.)

4. Konfiguration des Computers

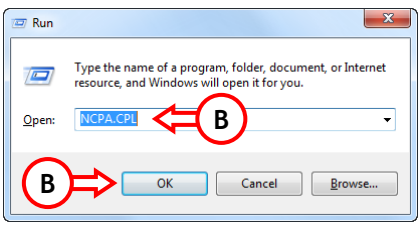
4.1 Konfiguration der IP-Adresse

Der C150BRS4 ist mit einem eingebauten DHCP-Server ausgerüstet. Der DHCP-Server weist automatisch jedem angeschlossenen Computer eine IP-Adresse zu, wenn dieser so konfiguriert ist, dass er die IP-Adresse automatisch bezieht.

Die meisten Computer sind standardmäßig so konfiguriert, dass sie automatisch eine IP-Adresse beziehen. Sollte dies bei Ihnen nicht der Fall sein, müssen Sie Ihren Computer so konfigurieren, dass er automatisch eine IP-Adresse bezieht. Befolgen Sie dazu die folgenden Anweisungen.

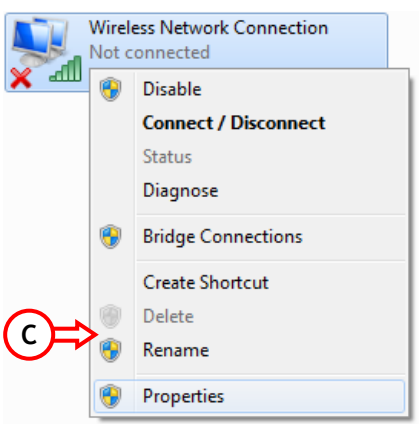
A. Klicken Sie auf **‚Start'**, **‚Alle Programme'**, **‚Zubehör** und wählen Sie **‚Ausführen'** aus.

B. Geben Sie den Befehl **‚NCPA.CPL'** ein und klicken Sie auf **‚OK'**.



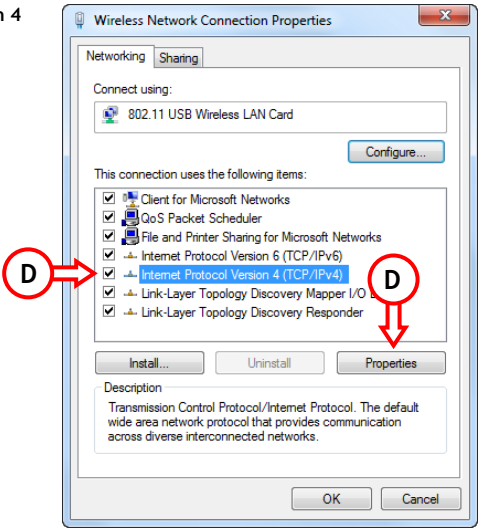
Es erscheint das Fenster **„Netzwerkverbindungen"**.

C. Rechtsklicken Sie auf Ihre **„Local Area Connection [LAN-Verbindung]"** oder **‚Wireless Network Connection [Drahtlose Netzwerkverbindung]'** (je nach verwendeter Verbindung) und wählen Sie **‚Properties [Eigenschaften]'** aus.



Es erscheint das Eigenschaften-Fenster der LAN-Verbindung oder drahtlosen Netzwerkverbindung.

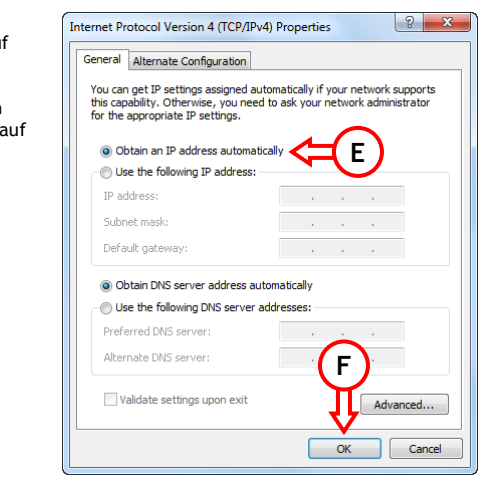
D. Wählen Sie das **‚Internetprotokoll Version 4 (TCP/IPv4)'** aus und klicken Sie auf **‚Eigenschaften'.**



Es erscheint das Fenster **‚Eigenschaften von Internetprotokoll Version 4 (TCP/IPv4)'**.

E. Aktivieren Sie das Feld **‚IP-Adresse automatisch beziehen'** und klicken Sie auf **‚OK'**, um die Einstellungen zu speichern.

F. Klicken Sie im Fenster **‚Eigenschaften von Internet Protokoll Version 4 (TCP/IPv4)'** auf **‚OK'**, um die Einstellungen zu speichern.



4.2 Überprüfen der Verbindung

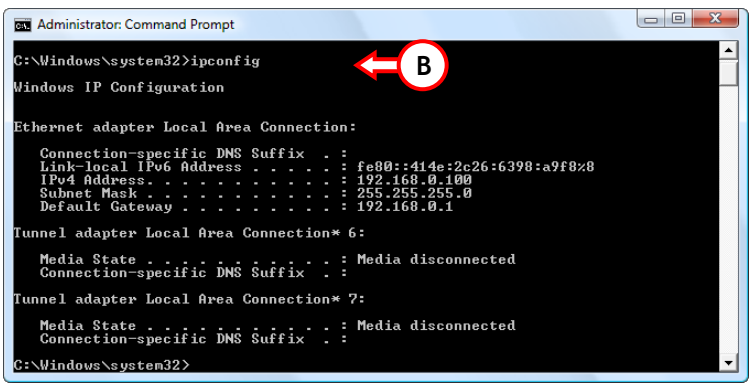
Über die ‚**Eingabeaufforderung**' von Windows können Sie überprüfen, ob Sie für Ihre LAN-Verbindung oder drahtlose Netzwerkverbindung eine korrekte IP-Adresse erhalten haben. Dieses Beispiel basiert auf Windows 7 und Vista mit Service Pack 1. Bei Windows 7 und Vista benötigen Sie die Administratorrechte, um die im Folgenden beschriebenen Schritte durchzuführen.

A. Klicken Sie auf ‚**Start**', ‚**Alle Programme**', ‚**Zubehör**', rechtsklicken Sie auf ‚**Eingabeaufforderung**' und wählen Sie ‚**Als Administrator ausführen**' aus.

Möglicherweise wird eine Warnmeldung angezeigt. Akzeptieren Sie diese, indem Sie auf ‚**Weiter**' oder ‚**Ja**' klicken.

Es erscheint das Fenster der Eingabeaufforderung. Stellen Sie sicher, dass die Titelleiste der ‚**Eingabeaufforderung**' den Text ‚**Administrator: Eingabeaufforderung**' aufweist. Wenn ‚**Administrator**' nicht erwähnt ist, haben Sie die erforderlichen Administratorrechte nicht und müssen erneut **Schritt A** durchführen.

B. Geben Sie den Befehl ‚**IPCONFIG**' ein und drücken Sie die ‚**ENTER**'-Taste auf Ihrer Tastatur.

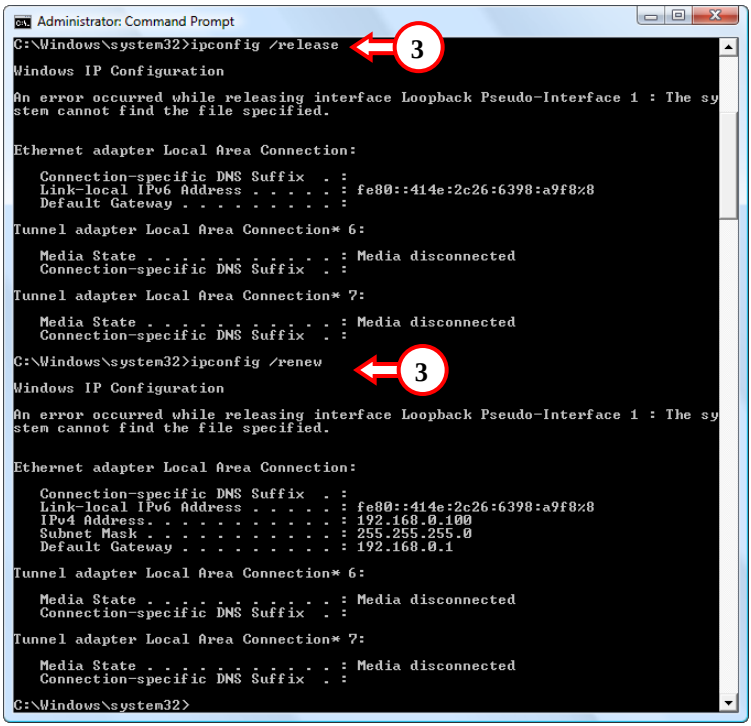


Es sollten die folgenden Informationen angezeigt werden:
IPv4-Adresse **: 192.168.0.xxx** (wobei **xxx** eine Zahl zwischen **100** ~ **199** sein kann).
Subnetzmaske **: 255.255.255.0**
Standardgateway **: 192.168.0.1**

Wenn Ihre Konfiguration mit obigen Informationen übereinstimmt, können Sie weitergehen zu **Kapitel 5**, um mit der Konfiguration des Routers fortzufahren.

Wenn Ihre Konfiguration nicht mit obigen Informationen übereinstimmt (z.B. wenn Ihre IP-Adresse 169.254.xxx.xxx lautet), gehen Sie bitte folgendermaßen vor:

1. Trennen Sie den Router von der Stromversorgung und schließen Sie ihn wieder an.
2. Trennen Sie das Netzwerkkabel vom Router und vom Computer und schließen Sie dieses wieder an.
3. Erneuern Sie die IP-Adresse Ihres Computers mit den folgenden Befehlen:
   - **‚IPCONFIG /RELEASE'**, um die falsche IP-Adresse zu löschen.
   - **‚IPCONFIG /RENEW'**, um die IP-Adresse zu erneuern.



Wenn diese Maßnahmen das Problem mit der IP-Adresse nicht lösen, können Sie durch Betätigen der Reset-Taste auf der Rückseite des Geräts das Gerät auf die Werkseinstellungen zurücksetzen.
Drücken Sie die Reset-Taste und halten Sie diese gedrückt, bis die LED-Anzeige zu blinken beginnt (ungefähr 10 Sekunden lang). Damit wird der Router neu gestartet, wobei wieder die Werkseinstellungen geladen werden. Sobald die Power-LED-Anzeige wieder kontinuierlich leuchtet, wiederholen Sie den **Schritt B**, um die IP-Adresse zu erneuern.

Hinweis: Wenn das Problem weiterhin besteht, überprüfen Sie, ob alle Kabel korrekt angeschlossen sind. Der WAN-Port sollte mit dem Modem und der LAN-Port mit dem Computer verbunden sein. Wenn diese Verbindungen falsch sind, kann dies dazu führen, dass Sie eine falsche IP-Adresse erhalten.

5. Konfiguration des C150BRS4

In diesem Kapitel wird die Konfiguration des C150BRS4 mit dem integrierten Einrichtungsassistenten beschrieben. Nachdem Sie die in diesem Kapitel beschriebenen Schritte durchgeführt haben, ist Ihr Router für seine primären Funktionen eingestellt.

5.1 Anmelden

Für die Konfiguration des C150BRS4 wird eine webbasierende Oberfläche verwendet. Das bedeutet, dass Sie den C150BRS4 auf einem beliebigen, am C150BRS4 angeschlossenen Computer mit einem Webbrowser konfigurieren können.

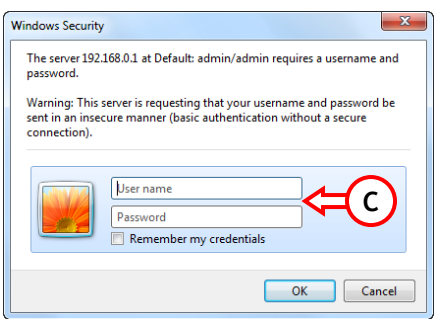
Hinweis: Wir raten dringend davon ab, bei der Konfiguration des C150BRS4 eine drahtlose Verbindung zu verwenden, da die Verbindung beim Vornehmen bestimmter Einstellungen verloren gehen könnte. Deshalb ist es ratsam, einen Computer zu verwenden, der mit dem C150BRS4 über ein Netzwerkkabel verbunden ist.

Führen Sie folgende Schritte aus, um sich auf dem C150BRS4 anzumelden:

A. Starten Sie Ihren Webbrowser (z.B. Internet Explorer, FireFox, Safari oder Chrome).

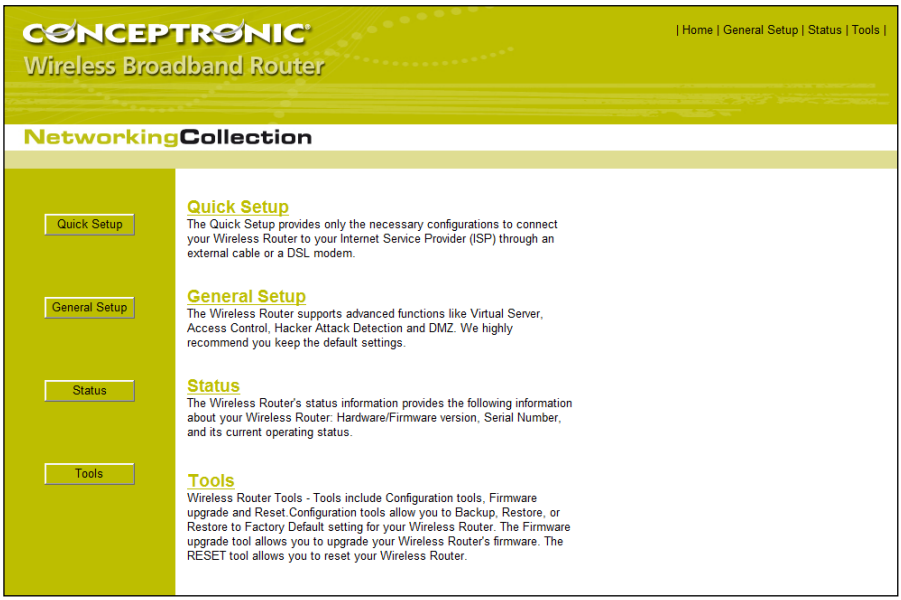
B. Geben Sie die IP-Adresse des Routers in das Adressfeld Ihres Webbrowsers ein.
Standardmäßig : **http://192.168.0.1/**

Es erscheint ein Fenster, in dem Sie aufgefordert werden, den Benutzernamen und das Passwort einzugeben.



C. Geben Sie den Benutzernamen und das Passwort ein und klicken Sie auf **‚OK'**, um die webbasierenden Konfigurationsseiten zu öffnen.
Standard-Benutzername : **admin**
Standard-Passwort : **admin**

Wenn Benutzername und Passwort korrekt sind, zeigt der Router die Hauptseite an:



Auf der Hauptseite können Sie eine der vier Möglichkeiten der Webkonfiguration für den C150BRS4 auswählen:

- **Quick Setup [Schnelleinrichtung]** : Schnelles Einrichten des C150BRS4 für den ersten Gebrauch (Erklärungen dazu finden Sie im **Kapitel 5.2**)
- **General Setup [Allgemeine Einstellungen]** : Ändern der erweiterten Optionen (Erklärungen dazu finden Sie im **Kapitel 5.3**)
- **Status** : Überprüfen des Status des Routers, angeschlossener Clients und Log-Dateien
- **Tools [Extras]** : Speichern der Konfiguration, Upgraden der Firmware oder Neustart des Routers

Hinweis: Sie können jederzeit oben rechts auf der Seite eine dieser vier Optionen (außer Quick Setup) auswählen. Sie können auch auf die Hauptseite zurückkehren, indem Sie auf **‚Home [Startseite]'** klicken.

5.2 Schnelleinrichtungsassistent

Der Schnelleinrichtungsassistent führt Sie Schritt für Schritt durch die Grundeinstellungen des C150BRS4.

Hinweis: Bevor Sie den Schnelleinrichtungsassistenten starten, stellen Sie sicher, dass Sie alle Informationen über Ihre Internetverbindung zur Hand haben.
Zum Beispiel: Verbindungsart, Kontoinformationen usw.

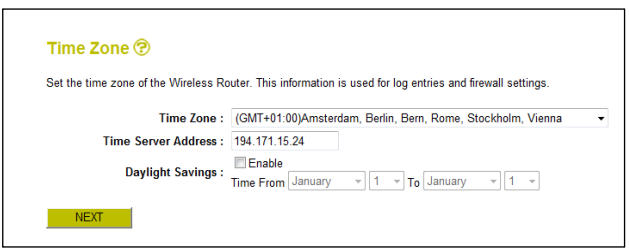
Hinweis: Für dieses ganze Kapitel gilt: Wenn Sie nicht wissen, welche Option Sie wählen sollen, oder wenn Sie die erforderlichen Informationen nicht zur Hand haben, sollten Sie entweder in der Dokumentation für Ihre Internetverbindung nachschauen oder Ihren Internetdienstanbieter (im Nachfolgenden der ISP genannt) kontaktieren.

A. Klicken Sie auf der Hauptseite auf **‚Quick Setup [Schnelleinrichtung]'**.

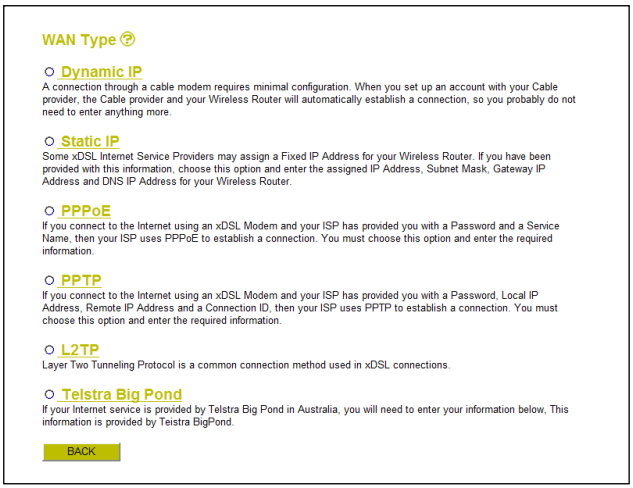
B. Eine korrekte Zeiteinstellung ist aus Systemverwaltungsgründen unerlässlich, damit die Systemprotokolle die korrekten Zeitstempel enthalten.

Wählen Sie die korrekte Zeitzone und ändern Sie ggf. die Zeitserver-Adresse und/oder aktivieren Sie die Sommerzeit.

Klicken Sie danach auf die Schaltfläche **‚Next [Weiter]'**.



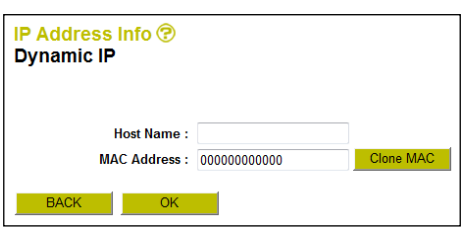
C. Wählen Sie den WAN-Typ, der den Einstellungen Ihres ISP entspricht.



1. Dynamic IP [Dynamische IP]
Bei einigen ISP muss ein bestimmter Hostname für die Verbindung eingegeben werden. Wenn dies bei Ihrer Verbindung zutrifft, müssen Sie hier diesen Hostnamen eingeben.

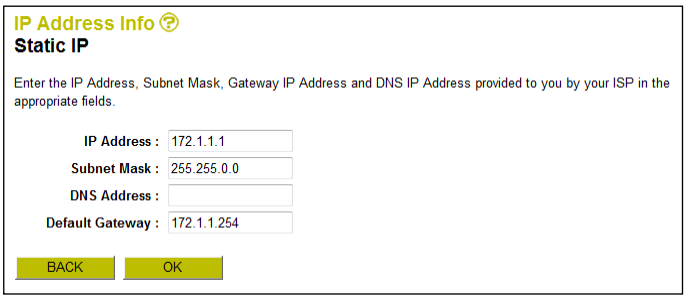
Bei einigen ISP darf nur eine bestimmte MAC-Adresse für die Verbindung mit dem Internet verwendet werden. In diesen Fall können Sie entweder die MAC-Adresse des Computers klonen, den Sie für die Verbindung mit dem Internet verwendet haben, indem Sie auf die Schaltfläche **‚Clone MAC [MAC klonen]'** klicken, oder die MAC-Adresse von Hand eingeben.

Klicken Sie danach auf die Schaltfläche **‚OK'**, um fortzufahren.



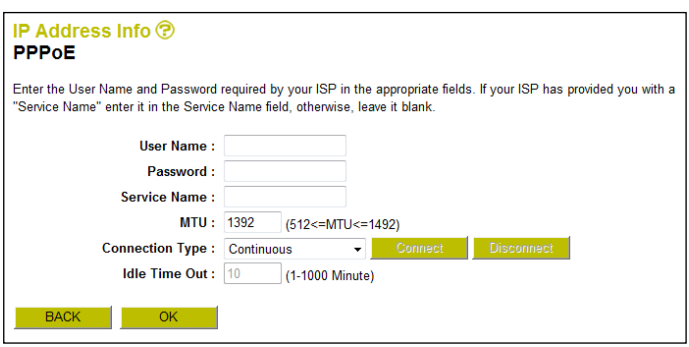
2. **Static IP [Statische IP]**
Geben Sie in den entsprechenden Feldern die statischen IP-Einstellungen ein, die Ihnen Ihr ISP angegeben hat.

Klicken Sie danach auf die Schaltfläche ‚**OK**', um fortzufahren.



3. **PPPoE**
Geben Sie in den entsprechenden Feldern die PPPoE-Einstellungen ein, die Ihnen Ihr ISP angegeben hat.

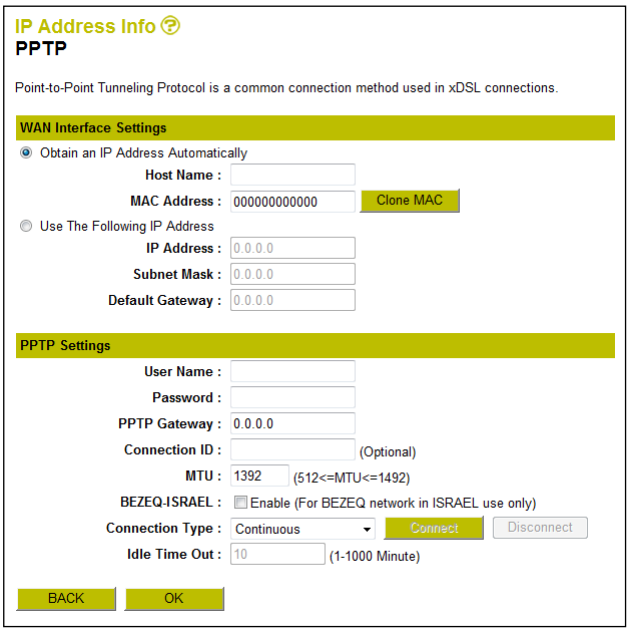
Klicken Sie danach auf die Schaltfläche ‚**OK**', um fortzufahren.



4. PPTP

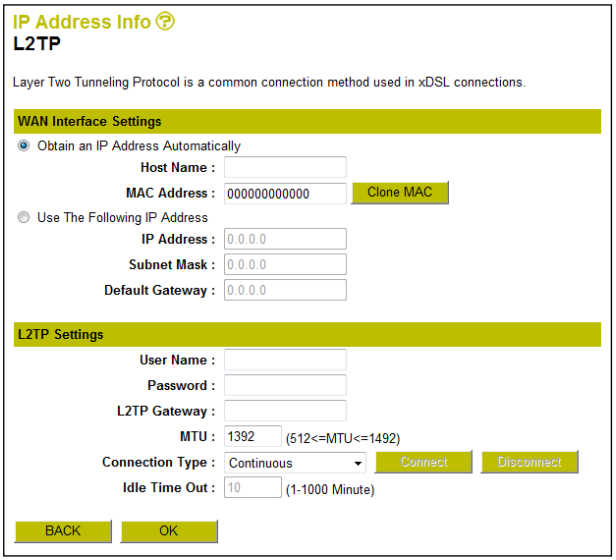
Geben Sie in den entsprechenden Feldern die PPTP-Einstellungen ein, die Ihnen Ihr ISP angegeben hat.

Klicken Sie danach auf die Schaltfläche **‚OK'**, um fortzufahren.



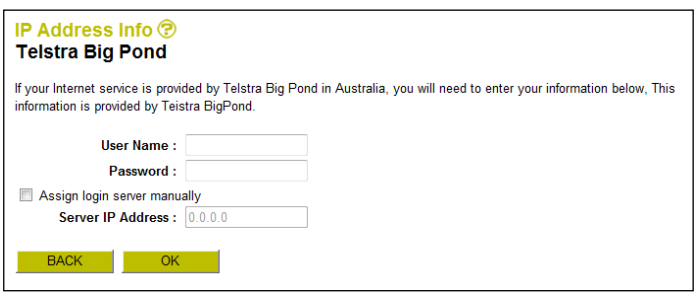
5. **L2TP**
Geben Sie in den entsprechenden Feldern die L2TP-Einstellungen ein, die Ihnen Ihr ISP angegeben hat.

Klicken Sie danach auf die Schaltfläche **‚OK'**, um fortzufahren.



6. **Telstra Big Pond**
Geben Sie Benutzernamen und Passwort ein und weisen Sie ggf. von Hand eine Server-IP-Adresse zu.

Klicken Sie danach auf die Schaltfläche **‚OK'**, um fortzufahren.



D. Die Einstellungen werden automatisch gespeichert.
Klicken Sie auf die Schaltfläche ‚**Apply [Übernehmen]**', um den Router neu zu starten.

Hinweis: Wenn Sie Änderungen an der Konfiguration des C150BRS4 vornehmen, werden Sie immer aufgefordert, zwischen zwei Optionen zu wählen:

- **Continue [Weiter]** : Weitere Änderungen vornehmen (die Änderungen werden noch nicht gespeichert).
- **Apply [Übernehmen]** : Alle Änderungen übernehmen, indem diese in die Konfiguration gespeichert werden, und den Router neu starten.

Hinweis: Standardmäßig ist das drahtlose Netzwerk des C150BRS4 mit der Verschlüsselung WPA-PSK/WPA2-PSK (gemischter Modus) gesichert. Das bedeutet, dass Sie das drahtlose Netzwerk nicht manuell sichern müssen. Lesen Sie im **Kapitel 5.3** nach, wie Sie die Sicherheitseinstellungen des C150BRS4 manuell ändern können.

5.3 Erweiterte Einstellungen

Diese Schnellinstallationsanleitung erklärt die Grundschritte, die durchgeführt werden müssen, um den C150BRS4 betriebsbereit zu machen. Erweiterte Einstellungen und detaillierte Erklärungen finden Sie im Benutzerhandbuch (nur in Englisch) auf der im Lieferumfang enthaltenen CD-ROM.

Legen Sie die Produkt-CD-ROM in Ihr optisches Laufwerk, warten Sie, bis das Autorun-Menü erscheint und klicken Sie dann auf ‚**View User Manual [Benutzerhandbuch öffnen]**'.

Hinweis: Zur Anzeige des Benutzerhandbuchs benötigen Sie den Adobe Reader. Wenn dieser nicht auf Ihrem Computer installiert ist, können Sie im Autorun-Menü **‚Install Adobe Reader [Adobe Reader installieren]'** auswählen.

Damit ist Ihr Conceptronic 150N Wireless Router betriebsbereit!

6. Verbindung mit dem drahtlosen Netzwerk

Die drahtlose Verbindung mit dem C150BRS4 kann auf zwei verschiedene Arten eingerichtet werden:

- Manuell
- Automatisch mithilfe der WPS-Funktion

! WICHTIGE HINWEIS !

Der C150BRS4 wird standart gesichert durch WPA-PSK/WPA2-PSK (mixed mode).
Das enige WPA Passwort können Sie finden auf dem Produktkleber am unterseite Ihre C150BRS4.

Für die verschiedenen Marken/Arten von Wireless-Karten werden unterschiedliche Client-Anwendungen verwendet. Informationen über das Erstellen einer Verbindung mit einem drahtlosen Netzwerk finden Sie im Handbuch Ihrer Wireless-Netzwerkkarte.

6.1 Manuelle Verbindung unter Windows 7

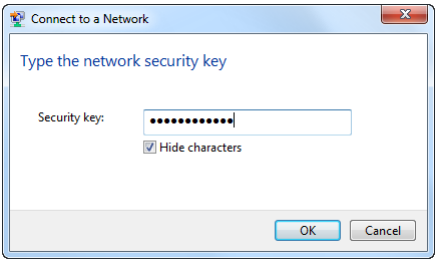
Im folgenden Beispiel wird die in Windows 7 integrierte Option **„Connect to a Network [Verbindung mit einem Netzwerk]"** verwendet.

A Klicken Sie auf das Symbol **‚Network [Netzwerk]'** in der Taskleiste. Daraufhin wird eine Liste der verfügbaren drahtlosen Netzwerkverbindungen angezeigt.

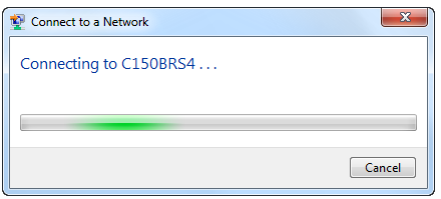
B Wählen Sie aus dieser Liste das Netzwerk **„C150BRS4"** und klicken Sie auf **‚Connect [Verbinden]'**.

Standardmäßig wird die Option **„Connect automatically [Automatisch verbinden]"** ausgewählt. Damit wird sichergestellt, dass die Verbindung jedes Mal automatisch hergestellt wird, wenn Ihr Computer eingeschaltet wird. Wenn Sie dies nicht möchten, können Sie diese Option deaktivieren, bevor Sie auf **‚Connect [Verbinden]'** klicken.

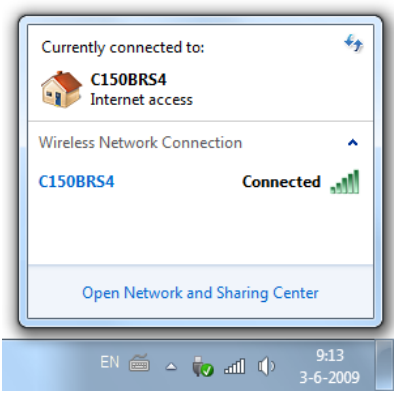
C Geben Sie die Standard-WPA-Passphrase (diese findet sich auf dem Aufkleber auf der Unterseite des C150BRS4) im Feld **„Security key [Sicherheitsschlüssel]"** ein und klicken Sie auf **„OK"**.



D Daraufhin beginnt der Client, sich mit dem drahtlosen Netzwerk zu verbinden.



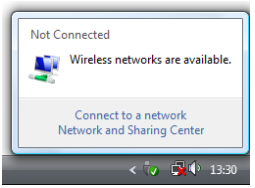
E Zur Überprüfung des Status der drahtlosen Verbindung können Sie auf das Netzwerksymbol in der Taskleiste klicken. Daraufhin wird angezeigt, mit welchem Netzwerk gegenwärtig eine Verbindung besteht, welchen Zugriff Sie haben und welche Signalstärke die Verbindung hat.



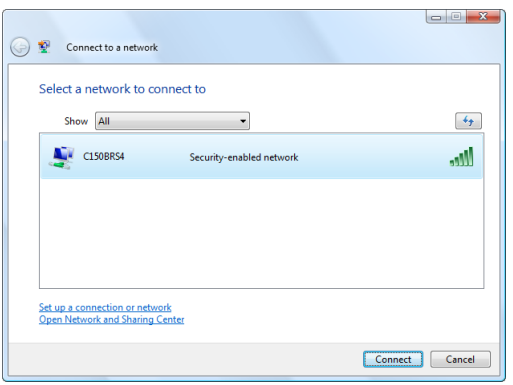
6.2 Manuelle Verbindung unter Windows Vista

Im folgenden Beispiel wird die in Windows Vista mit Service Pack 1 integrierte Option **„Connect to a Network [Verbindung mit einem Netzwerk]”** verwendet.

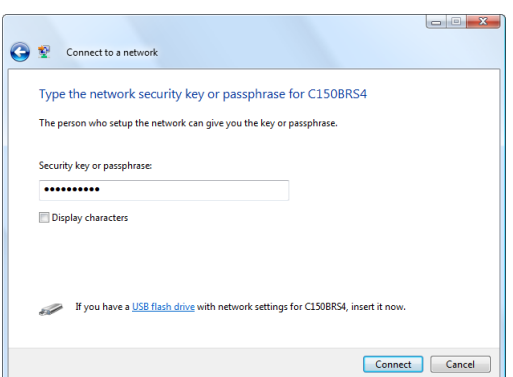
A Klicken Sie auf das Netzwerksymbol in der Kontrollleiste und dann auf **„Wireless networks are available [Drahtlose Netzwerke verfügbar]”**.



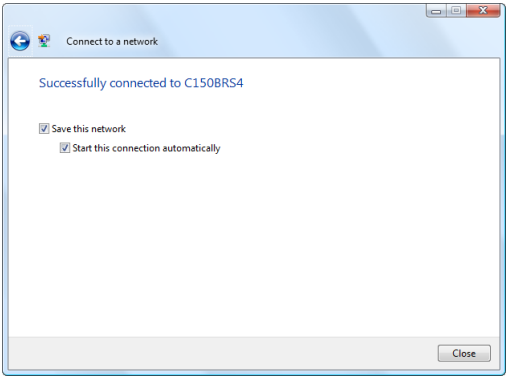
B Wählen Sie aus dieser Liste das Netzwerk **„C150BRS4”** und klicken Sie auf **‚Connect [Verbinden]’**.



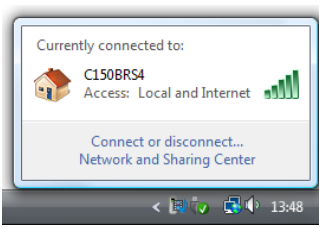
C Geben Sie die Standard-WPA-Passphrase (diese findet sich auf dem Aufkleber auf der Unterseite des C150BRS4) im Feld **„Security key or Passphrase [Sicherheitsschlüssel oder Passphrase]”** ein und klicken Sie auf **‚Connect [Verbinden]’**.



D Sobald die Verbindung hergestellt wurde, können Sie die Optionen **„Save this network [Dieses Netzwerk speichern]“** und **„Start this connection automatically [Diese Verbindung automatisch starten]“** aktivieren. Klicken Sie auf **‚Close [Schließen]’**, um den Verbindungsassistenten zu schließen.



E Zur Überprüfung des Status der drahtlosen Verbindung können Sie auf das Netzwerksymbol in der Kontrollleiste klicken. Daraufhin wird angezeigt, mit welchem Netzwerk gegenwärtig eine Verbindung besteht, welchen Zugriff Sie haben und welche Signalstärke die Verbindung hat.



6.3 Automatische Verbindung mithilfe von WPS

Der C150BRS4 von Conceptronic unterstützt WPS (Wi-Fi geschützte Einstellung). WPS ist ein Standard für die einfache und sichere Einrichtung eines drahtlosen Netzwerks. Mit WPS können Sie mit ein paar wenigen, einfachen Schritten Ihr drahtloses Netzwerk einrichten und schützen.

Hinweis: Um WPS mit dem C150BRS4 verwenden zu können, benötigen Sie einen Wireless Client, der WPS unterstützt. Wenn Sie einen oder mehrere Wireless Clients haben , die WPS nicht unterstützen, empfehlen wir, die Verbindung mit dem C150BRS4 mithilfe des vorkonfigurierten WPA-Schlüssels, der auf der Unterseite angegeben ist, manuell herzustellen. Lesen Sie im **Kapitel 6.1** oder **6.2** nach, wie Sie die Verbindung mit dem drahtlosen Netzwerk manuell herstellen können.

Hinweis: Weitere (technische) Informationen über WPS finden Sie auf folgender Website: http://de.wikipedia.org/wiki/Wi-Fi_Protected_Setup

Der C150BRS4 unterstützt zwei Arten der Aktivierung und Einrichtung einer WPS-Verbindung:

- **Knopfdruck-Methode**
- **PIN-Code-Methode**

DEUTSCH

WPS – Knopfdruck-Methode

Für die WPS-Knopfdruck-Methode ist eine (virtuelle) Taste an Ihrem Wireless Client erforderlich, um eine Verbindung zwischen dem C150BRS4 und dem Wireless Client herzustellen.
Einige Wireless Clients haben eine Taste für die Aktivierung der WPS-Knopfdruck-Methode; andere wiederum verwenden dazu eine virtuelle Taste in ihrer Software.

Führen Sie die folgenden Schritte für die Aktivierung und Einrichtung einer WPS-Verbindung mit der Knopfdruck-Methode aus:

A. Drücken Sie die WPS-Taste auf der Rückseite des C150BRS4; daraufhin leuchtet die WLAN-/WPS LED-Anzeige kontinuierlich, was bedeutet, dass die WPS-Authentifizierung gestartet wurde.

B. Drücken Sie die WPS-Taste am Wireless Client. Dies kann eine Hardware-Taste oder eine virtuelle Taste in der Software des Wireless Clients sein.

Hinweis: Der C150BRS4 behält die WPS-Authentifizierung während 120 Sekunden aktiv. Während diesem Prozess leuchtet die WLAN-/WPS-LED-Anzeige kontinuierlich. Wenn nicht innerhalb von 120 Sekunden eine WPS-Verbindung hergestellt wird, kehrt die LED-Anzeige in ihren ursprünglichen Status zurück und die WPS-Authentifizierung wird gestoppt.

Wenn die WPS-Authentifizierung erfolgreich ist, kehrt die WLAN-/WPS-LED-Anzeige wieder in ihren ursprünglichen Status zurück.

Jetzt ist der Wireless Client mit dem gesicherten drahtlosen Netzwerk des C150BRS4 verbunden.
Sie können weitere Wireless Clients hinzufügen, wobei die Verbindung der zuvor eingerichteten Wireless Clients bestehen bleibt. Wenn Sie weitere Wireless Clients hinzufügen möchten, wiederholen Sie die Schritte **A** und B**.**

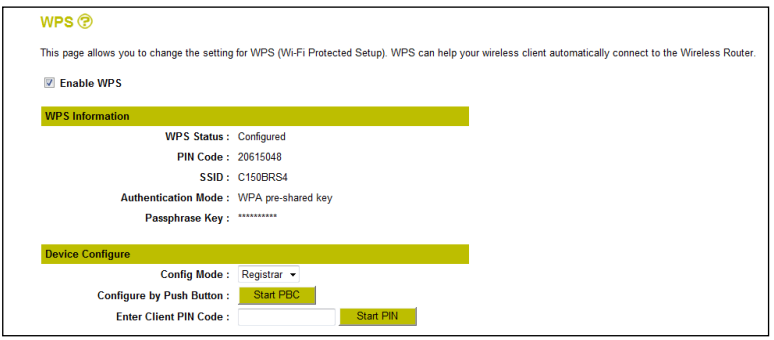
WPS - Pin-Code-Methode

Wenn Ihr Wireless Client WPS unterstützt, jedoch keine (virtuelle) Taste hat, können Sie mithilfe der PIN-Code-Methode eine WPS-Verbindung herstellen.

Hinweis: Um die WPS-PIN-Code-Funktion zu aktivieren, benötigen Sie einen Computer, der mit einem Kabel mit dem C150BRS4 verbunden ist.

A. Melden Sie sich gemäß den Anweisungen im **Kapitel 5.1** für die Web-Konfiguration an.
B. Wählen Sie zuerst ‚**General Setup [Allgemeine Einstellungen]**', dann ‚**Wireless [Drahtlos]**' und schließlich ‚**WPS**' aus.

Daraufhin wird die WPS-Konfigurationsseite angezeigt.

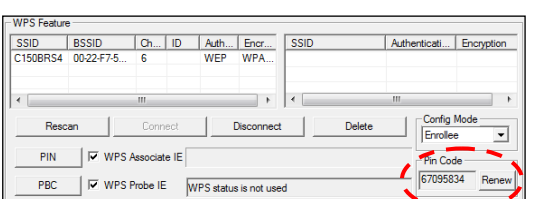


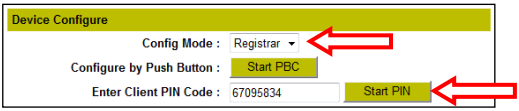
Auf der WPS-Konfigurationsseite können Sie die virtuelle ‚Taste' oder die ‚PIN-Code'-Authentifizierung starten.
Die ‚PIN-Code'-Authentifizierung kann auf zwei verschiedene Arten gestartet werden:

---

1. Der Wireless Client liefert den PIN-Code, der im Router eingegeben werden muss.
In dieser Situation ist der Wireless Client der ‚Enrollee' und der Router der ‚Registrar'.

A. Starten Sie den Wireless Client und suchen Sie nach dem angegebenen PIN-Code (siehe Beispiel unten):





B. Stellen Sie sicher, dass **„Config Mode"** auf der WPS-Konfigurationsseite auf **‚Registrar'** eingestellt ist.

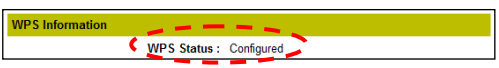
C. Geben Sie im Feld **„Enter Client PIN Code [Client PIN-Code eingeben]"** den PIN-Code ein, den Sie von Ihrem Wireless Client erhalten haben.

D. Klicken Sie auf die Schaltfläche **„Start PIN [PIN starten]"**.

Der C150BRS4 hält die WPS-Authentifizierung für eingehende Verbindungen mit dem eingegebenen PIN-Code während 120 Sekunden aktiv.

E. Initiieren Sie die PIN-Code-Verbindung auf Ihrem Wireless Client.

Daraufhin verbindet sich der Wireless Client mit dem gesicherten drahtlosen Netzwerk des C150BRS4. Sobald die Verbindung hergestellt ist, stoppt der C150BRS4 die Prüfung der WPS-Authentifizierung und der WPS-Status auf der WPS-Konfigurationsseite wird auf **„Configured [Konfiguriert]"** gesetzt.



Wenn Sie weitere Wireless Clients mit der WPS-Funktion hinzufügen wollen, wiederholen Sie die Schritte **A** bis **E**.

---

2. Der Router liefert den PIN-Code, der im Wireless Client eingegeben werden muss.
In dieser Situation ist der Router der ‚Enrollee' und der Wireless Client der ‚Registrar'.

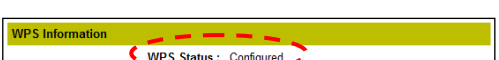
A. Setzen Sie die Option **„Config Mode"** auf der WPS-Konfigurationsseite auf **‚Enrollee'** und notieren Sie sich den unter **„PIN Code"** aufgeführten PIN-Code.

B. Klicken Sie auf die Schaltfläche **‚Start PIN [PIN starten]'**.

Der C150BRS4 hält die WPS-Authentifizierung für eingehende Verbindungen mit dem erzeugten PIN-Code während 120 Sekunden aktiv.

C. Geben Sie den vom C150BRS4 ausgegebenen PIN-Code in der Software Ihres Wireless Clients ein, setzten Sie die Wireless-Client-Software auf **‚Registrar'** und starten Sie die PIN-Code-Verbindung.

Daraufhin verbindet sich der Wireless Client mit dem gesicherten drahtlosen Netzwerk des C150BRS4. Sobald die Verbindung hergestellt ist, stoppt der C150BRS4 die Prüfung der WPS-Authentifizierung und der WPS-Status auf der WPS-Konfigurationsseite wird auf **„Configured [Konfiguriert]"** gesetzt.



Wenn Sie weitere Wireless Clients mit der WPS-Funktion hinzufügen wollen, wiederholen Sie die Schritte **A** bis **C**.

7. Port Mapping

Der Conceptronic C150BRS4 ist mit einer integrierten Firewall ausgerüstet, um Angriffe aus dem Internet auf Ihr Netzwerk zu verhindern. Diese Firewall blockiert automatisch den gesamten eingehenden Verkehr auf nicht benutzten Ports. Wenn ein blockierter Port für einen Dienst oder eine Anwendung benötigt wird (zum Beispiel für einen FTP-oder WEB-Server), können Sie auf den Konfigurationsseiten eine Regel für den Virtual Server erstellen [Virtual Server Rule], um den Verkehr weiterzuleiten.

Der C150BRS4 unterstützt auch UPnP Port Mapping und ermöglicht damit lokalen UPnP-Anwendungen, der Konfiguration des Routers automatisch Port Mappings hinzuzufügen. Das bedeutet, dass Sie - wenn Sie eine UPnP-fähige Anwendung verwenden – für diese Anwendung nicht manuell eine Virtual Server Regel im C150BRS4 erstellen müssen.

Wenn UPnP nicht verfügbar ist oder eine Virtual Server Regel aus einem anderen Grund hinzugefügt werden muss, empfehlen wir, den/die Computer und/oder das/die Netzwerkgerät/e mit einer festen IP-Adresse statt mit einer dynamischen IP-Adresse zu konfigurieren.

Folgendes ist eine Liste einiger häufig verwendeter Ports und deren entsprechenden Anwendungen:

Port	Anwendung	Port	Anwendung
20	FTP Daten (FTP Server)	**80**	HTTP (Webserver)
21	FTP Daten (FTP Server)	**110**	POP3 (Mail Server – Eingang)
22	SSH (Secure Shell)	**2000**	Remotely Anywhere
23	Telnet	**5800**	VNC
25	SMTP (Mail Server – Ausgang)	**5900**	VNC

Weitere Ports und deren jeweilige Anwendung finden Sie unter http://portforward.com/cports.htm.

Hinweis: Detaillierte Erklärungen zu den Virtual Server- und DMZ-Optionen finden Sie im Benutzerhandbuch auf der Produkt-CD-ROM (nur in Englisch). Wählen Sie dazu **„View User Manual [Benutzerhandbuch öffnen]"** im Autorun-Menü.

A. Melden Sie sich gemäß den Anweisungen im **Kapitel 5.1** für die Web-Konfiguration an.

B. Wählen Sie **‚General Setup [Allgemeine Einstellungen]'**, **‚NAT'** und **‚Virtual Server'** aus, um die Virtual Server-Konfigurationsseite zu öffnen.

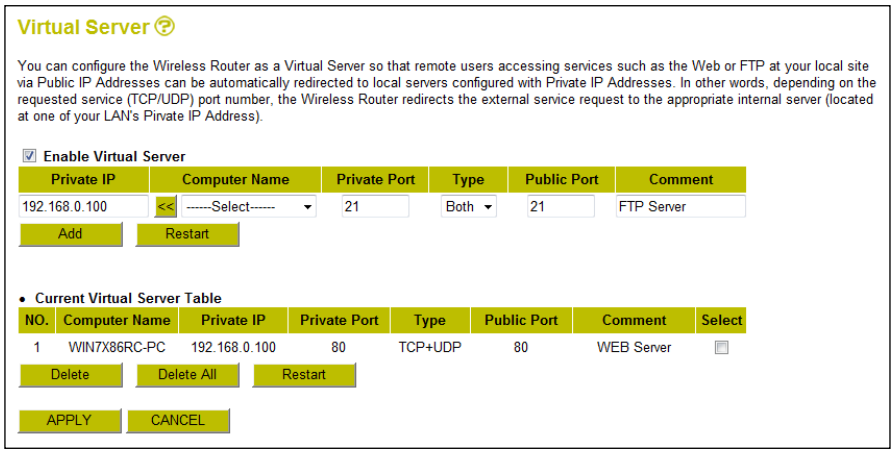
C. Aktivieren Sie den Virtual Server, indem Sie ein Häkchen in das Auswahlfeld vor **‚Enable Virtual Server [Virtual Server aktivieren]'** setzen.

D. Geben Sie die für die Virtual Server Regel benötigten Informationen in den folgenden Feldern ein:
- **Private IP** : Geben Sie die lokale IP-Adresse des Computers/Geräts ein.
- **Private Port** : Geben Sie den gewünschten lokalen Port für den Computer/das Gerät ein.
- **Type** : Wählen Sie die Art Netzwerkverkehr, der durchgeleitet werden soll.
- **Public Port** : Geben Sie den Port ein, der von außerhalb Ihrer Internet-Verbindung sichtbar sein muss.
- **Comment [Kommentar]** : Sie haben die Möglichkeit, hier für die einfache Identifizierung der Virtual Server Regel einen Namen einzugeben.

Hinweis: Wenn der Computer/das Gerät mit dem Router verbunden ist, können Sie auch aus der Dropdownliste unter **‚Computer Name'** dessen Namen auswählen und auf die Schaltfläche **‚<<'** klicken, um dessen IP-Adresse automatisch hinzuzufügen.

E. Klicken Sie auf die Schaltfläche **‚Add [Hinzufügen]'**, um die Virtual Server Regel der Virtual Server Tabelle hinzuzufügen.

Hinweis: Die folgende Abbildung zeigt ein Beispiel einer Virtual Server-Konfiguration.



Hinweis: Wenn Sie nicht wissen, welches Protokoll (‚**Type**') Sie für Ihre Virtual Server-Regel benötigen, wählen Sie „**Both [Beide]**". Mit dieser Option wird sowohl TCP- als auch UDP-Verkehr zur konfigurierten IP-Adresse durchgeleitet.

F. Wenn Sie mit dem Hinzufügen von Virtual Server Regeln fertig sind, klicken Sie auf die Schaltfläche ‚**APPLY [ÜBERNEHMEN]**', um die Einstellungen zu speichern. Klicken auf der nächsten Seite erneut auf ‚**APPLY [ÜBERNEHMEN]**', um den Router neu zu starten.

Nachdem der Router neu gestartet wurde, werden alle Einstellungen wirksam und die Virtual Server Regeln werden angewendet.

Die definierten Virtual Server-Regeln können jetzt verwendet werden

Hinweis: Detaillierte Erklärungen zu den für den C150BRS4 verfügbaren Funktionen und Einstellungen finden Sie im Benutzerhandbuch auf der Produkt-CD-ROM (nur in Englisch). Wählen Sie dazu „**View User Manual [Benutzerhandbuch öffnen]**" im Autorun-Menü.

C150BRS4 version 2.0 de Conceptronic

Guide d'Installation rapide

Nous vous félicitons d'avoir acheté votre Router Sans Fils 150N de Conceptronic

Ce Guide d'Installation Rapide vous indiquera de manière détaillée comment installer et utiliser le C150BRS 4 de Conceptronic.

Pour plus d'informations ou pour obtenir de l'aide concernant votre produit, nous vous conseillons de visiter notre site web de Service et support à **www.conceptronic.net/support** et de sélectionner l'une des options suivantes :

- **FAQ** : Foire aux Questions
- **Téléchargements** : Manuels, Drivers, Microprogramme et plus de téléchargements
- **Contact** : Pour contacter le Service Support de Conceptronic

Pour plus d'informations générales concernant les produits Conceptronic, visitez le site web de Conceptronic sur **www.conceptronic.net**

Les informations contenues dans ce manuel sont basées sur Windows Vista et Windows 7, et donc peuvent être différentes de votre ordinateur si vous utilisez un système d'exploitation différent.

Remarque : Ce Guide d'Installation Rapide n'explique que les opérations de base pour mettre en service le C150BRS4 et le faire fonctionner. Pour plus d'informations sur les différentes fonctions du C150BRS4 veuillez consulter le manuel d'utilisateur (en anglais uniquement) présent sur le Cd-Rom de Produit. Attendez que le menu à lancement automatique apparaisse puis choisissez "**View User Manual**" [Voir manuel d'utilisateur].

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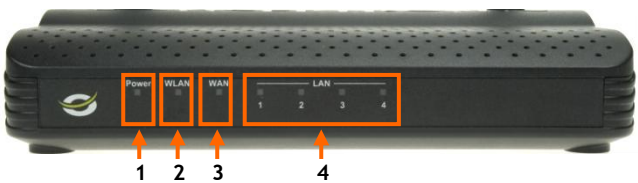
1.Contenus du coffret

Les éléments suivants sont fournis dans le paquet avec le Router Sans Fils 150 N de Conceptronic :

- Routeur Sans Fils de Conceptronic C150BRS4 - 150N
- Alimentation électrique 12V CC, 1 A
- Câble de réseau (LAN)
- CD-ROM du produit
- Guide d'Installation rapide en plusieurs langues
- Carte de garantie et brochure de déclaration CE

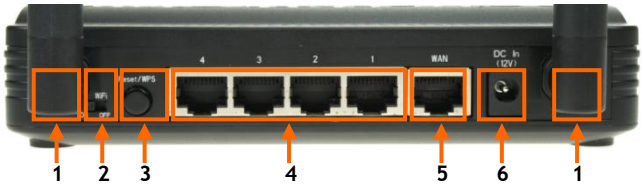
2. Explication du C150BRS4

2.1 Façade avant



Nº	Description	Statut	Statut Explication
1	Voyant LED d'Alimentation	**Éteint** **Allumé**	L'appareil est éteint L'appareil est allumé
2	Voyant LED WLAN/WPS	**Éteint** **Allumé - FIXE** **Allumé - CLIGNOTANT**	Réseau sans fil éteint Fonction sans fil WPS activée Activité du réseau sans fil (données en cours d'envoi ou de réception)
3	Voyant LED WAN	**Éteint** **ALLUMÉ - FIXE** **ALLUMÉ - CLIGNOTANT**	Port WAN non connecté Port WAN connecté Activité du port WAN (données en cours d'envoi ou de réception)
4	Voyants LED LAN (1, 2 3 4)	**Éteint** **ALLUMÉ - FIXE** **ALLUMÉ - CLIGNOTANT**	Port LAN déconnecté Port LAN connecté Activité du port LAN (données en cours d'envoi ou de réception)

2.2 Façade arrière



N°	Description	Explication
1	Antennes sans fils (2x)	Deux antennes fixes pour la diffusion sans fil
2	Touche Radio ON/OFF	Pour allumer ou éteindre la radio sans fil
3	Touche de réinitialisation WPS	Pour activer la fonction WPS (pression rapide) ou réinitialise (pression prolongée)
4	Ports LAN (1 - 4)	Pour connecter votre(vos) ordinateur(s)/ dispositifs(s) de réseau sur le routeur
5	Port WAN	Pour connecter votre connexion bande large sur le routeur
6	Connexion alimentation électrique	Pour brancher l'alimentation électrique sur le routeur

3. Connexion des câbles

Connectez l'alimentation électrique fournie sur la prise d'alimentation électrique à l'arrière du C150BRS4 et sur une prise électrique murale disponible. Le voyant LED d'alimentation à l'avant du C150BRS4 s'allume.

3.1 Port WAN

Utilisez un câble de réseau (LAN) pour connecter le C150BRS4 sur votre modem à bande large.
Le voyant LED WAN sur la façade avant du C150BRS4 s'allume.

Remarque : Si Le voyant LED WAN sur la façade avant ne s'allume pas, vérifiez que :
- Le C150BRS4 est bien allumé (Le voyant LED d'alimentation doit être allumé).
- Le modem bande large est allumé.
- Le câble de réseau (LAN) entre les deux appareils est bien connecté.

3.2 Port(s) LAN

Branchez le câble de réseau (LAN) sur l'1 des 4 ports de la façade arrière du C150BRS4 et sur la carte de réseau de votre ordinateur.
Le voyant LED LAN du port LAN utilisé s'allume pour indiquer que l'ordinateur est connecté. (Votre ordinateur doit être allumé et la connexion LAN doit être activée).

4. Configuration de l'ordinateur

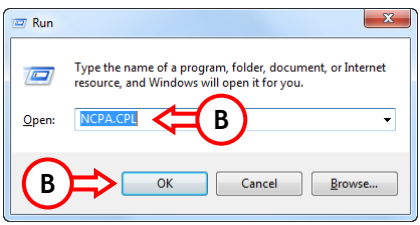
4.1 Configuration de l'adresse IP

Le C150BRS4 est équipé d'un serveur DHCP intégré. Le Serveur DHCP affectera automatiquement une adresse IP à chaque ordinateur connecté si l'ordinateur connecté est réglé sur l'option permettant d'obtenir automatiquement une adresse IP.

La plupart des ordinateurs sont configurés par défaut pour obtenir automatiquement une adresse IP. Si ce n'est pas le cas, vous devez configurer votre ordinateur pour obtenir une adresse IP automatiquement en suivant les instructions données ci-après :

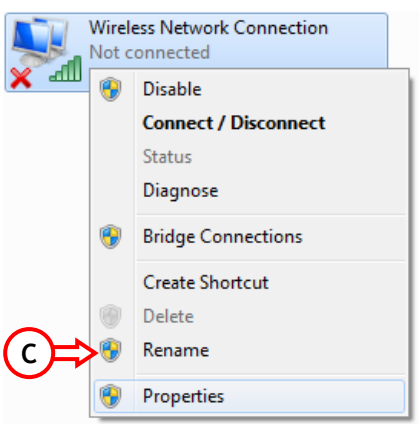
A. Cliquez sur "**Démarrer**", puis "**Tous les Programmes**", "**Accessoires**", et choisissez "**Exécuter**".

B. Entrez la commande "NCPA.CPL" et appuyez sur "OK".



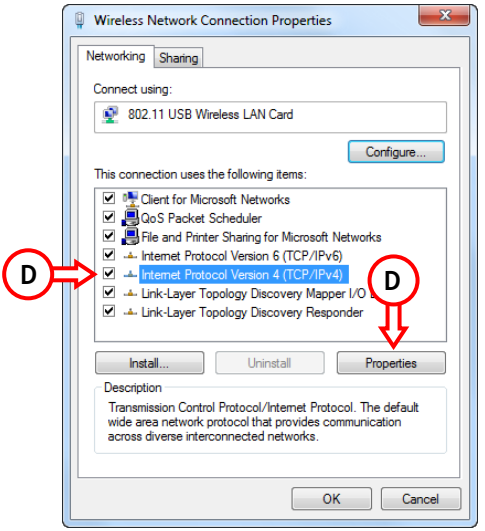
La fenêtre de "Connexions de Réseau" s'affiche.

C. Cliquez avec le bouton de droite sur votre "**Connexion de réseau local**" ou sur "**Connexion de Réseau sans Fil**" (en fonction de la connexion que vous utilisez) et sélectionnez "**Propriétés**".



La fenêtre de propriétés de votre Connexion de Réseau Local ou la Connexion de Réseau Sans Fil s'affiche.

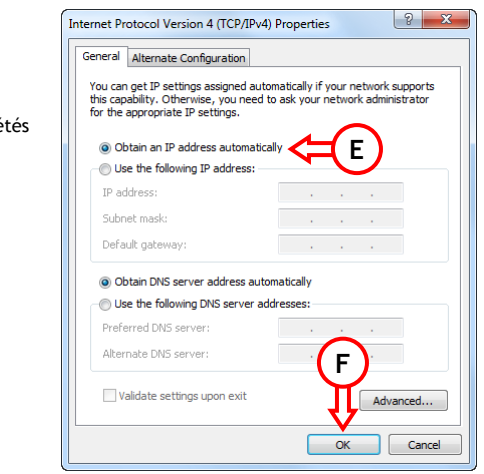
D. Sélectionnez "**Protocole Internet version 4(TCP/IPv4)**" et cliquez sur "**Propriétés**".



La fenêtre de propriétés du Protocole Internet Version 4 (TCP/IPv4) s'affiche.

E. Réglez les propriétés sur "**Obtenir automatiquement une adresse IP**" et appuyez sur "OK" pour enregistrer les paramètres.

F. Cliquez sur "**OK**" dans la fenêtre de Propriétés du Protocole Internet Version 4 TCP/IPv4) pour enregistrer les paramètres.



4.2 Vérification de votre connexion

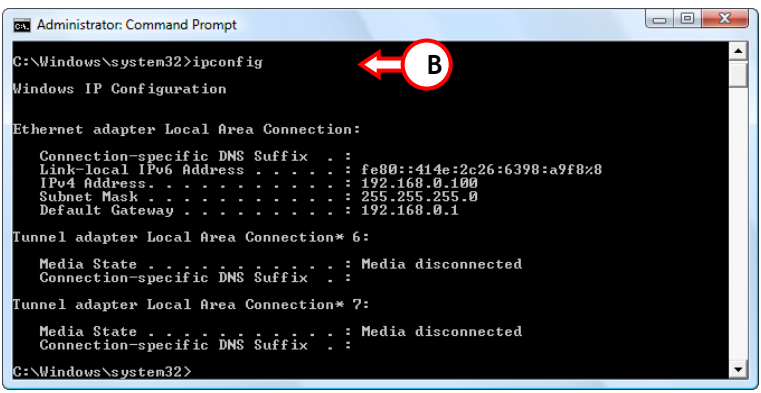
Avec l'Invite de Commande de Windows, vous pouvez vérifier si vous avez reçu une adresse IP correcte sur votre Connexion de Réseau Local. Cet exemple est basé sur Windows 7 et Vista avec Service Pack 1. Sur Windows 7 et Vista vous devez avoir les droits d'administrateur pour pouvoir réaliser les opérations suivantes.

A. Cliquez sur "**Démarrer**" -> "**Tous les programmes**" -> "**Accessoires**", cliquez avec la touche de droite sur "**Invite de Commande**" et sélectionnez "**Exécuter en tant qu'administrateur**".

Le système affiche un message d'avertissement que vous devez accepter en cliquant sur "**Continuer**" ou sur "**Oui**".

L'Invite de Commande suivante s'affiche. Vérifiez que le titre de l'Invite mentionne bien "**Administrateur : Invite de Commande**". Si "**Administrateur**" n'est pas indiqué, cela signifie que vous n'avez pas les droits d'administration nécessaires pour réaliser ces opérations ; vous devez alors recommencer à partir de **l'étape A.**

B. Entrez la commande "**IPCONFIG**" et appuyez sur ENTER sur votre clavier.



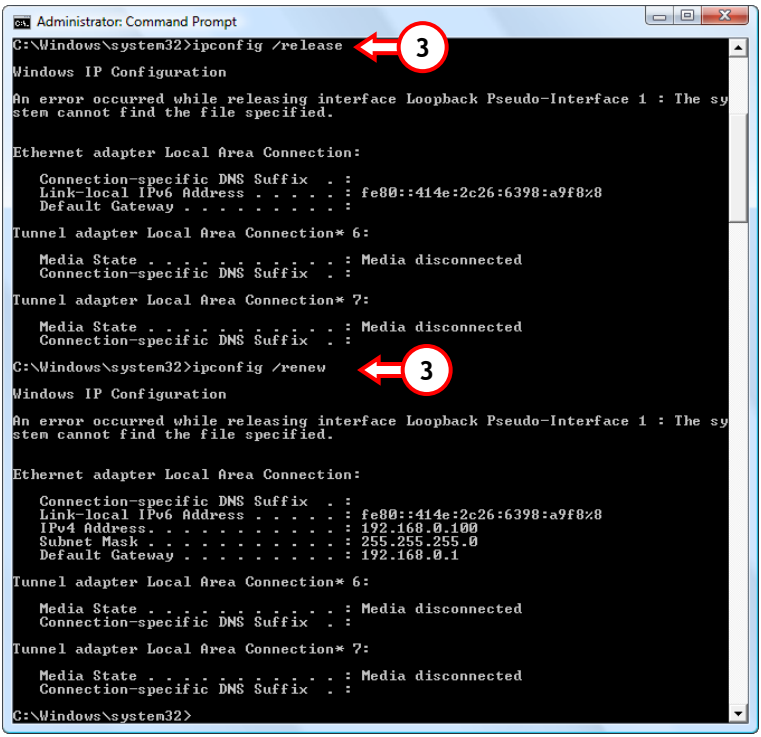
Vous verrez s'afficher les informations suivantes :

IPv4 Address	**: 192.168.0.xxx** (où **xxx** peut être compris entre **100 ~ 199**).
Subnet Mask [Masque de sous-réseau]	**: 255.255.255.0**
Default Gateway [Passerelle par Défaut]	**: 192.168.0.1**

Si les informations présentées ci-dessus correspondent à votre configuration, vous pouvez poursuivre la configuration de votre routeur au **chapitre 5.**

Si les informations indiquées ci-dessus ne correspondent pas à votre configuration (c'est à dire si votre adresse IP est 169.254.xxx.xxx), procédez comme suit :

1. Débranchez et rebranchez l'alimentation électrique du routeur.
2. Débranchez et rebranchez le câble de réseau sur le routeur et sur votre ordinateur.
3. Réécrivez l'adresse IP de votre ordinateur avec les commandes suivantes :
   - "IPCONFIG/RELEASE" : pour éditer l'adresse IP incorrecte.
   - "IPCONFIG/RENEW" : pour modifier l'adresse IP.



Si les actions ci-dessus ne suffisent pas à résoudre votre problème d'adresse IP, vous pouvez réinitialiser l'appareil sur les paramètres par défaut avec le Bouton Reset situé sur la façade arrière de l'appareil. Appuyez sur le bouton de réinitialisation et gardez-le enfoncé jusqu'à ce que le voyant LED d'alimentation commence à clignoter (environ 10 secondes). Cette opération redémarre le routeur et charge les paramètres par défaut dans le routeur. Lorsque le voyant LED d'alimentation s'allume en continu à nouveau, répétez **l'étape B** pour renouveler l'adresse IP.

Remarque : Si le problème persiste, vérifiez si tous les câbles sont bien connectés correctement. Le port WAN doit être connecté au modem et au port LAN à l'ordinateur. Une mauvaise connexion vous empêchera d'obtenir une bonne adresse IP.

5 Configuration du C150BRS4

Ce chapitre décrit les opérations nécessaires pour configurer le C150BRS4 avec l'assistant de configuration intégré. Une fois les opérations de ce chapitre réalisées, votre routeur est bien paramétré pour ses fonctions primaires.

5.1 Connexion

La configuration du C150BRS4 utilise une interface basée sur Internet. Cela signifie que vous êtes capable de configurer le C150BRS4 sur n'importe quel ordinateur à l'aide d'un navigateur d'Internet connecté au C150BRS4.

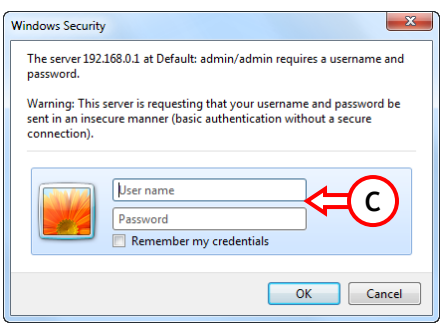
Remarque : Nous vous conseillons fortement de ne pas utiliser de connexion sans fil pendant que vous configurez le C150BRS4, puisque la connexion pourrait être perdue lorsque vous réglez certains paramètres. Par conséquent nous vous conseillons d'utiliser un ordinateur connecté au C150BRS4 avec un câble de réseau.

Pour vous connecter au C150BRS4 procédez comme suit :

A. Lancez votre navigateur Internet (par exemple Internet Explorer, Firefox, Safari ou Chrome).

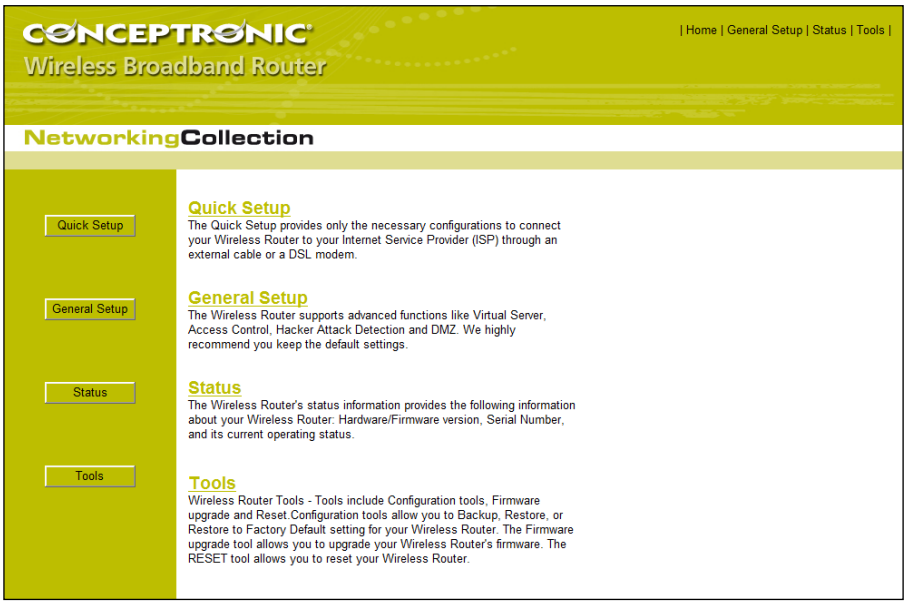
B. Indiquez l'adresse IP du routeur dans la barre d'adresses de votre navigateur Internet..
Par défaut : **http://192.168.0.1/**

Une fenêtre pop-up s'affiche pour vous demander le nom d'utilisateur et le mode de passer.



C. Indiquez le nom d'utilisateur et le mot de passe et cliquez sur "**OK**" pour entrer dans la configuration basée sur Internet.
Default user name [Nom d'utilisateur par défaut] : **admin**
Default password [Mot de passe par défaut] : **admin**

Lorsque le nom d'utilisateur et le mot de passe sont corrects, le routeur affiche la page principale :



Dans la page principale, vous pouvez choisir l'une des quatre options principales dans la configuration Internet du C150BRS4 :

- **Démarrage Rapide** : Réglez rapidement le C150BRS4 pour la première utilisation (expliqué au chapitre 5.2)
- **General Setup** [Configuration générale] : Modifier les options avancées (expliqué au chapitre 5.3)
- **Status** [Statut] : Modifier le statut du routeur, des clients connectés et des fichiers log
- **Tools** [Outils] : Sauvegarder la configuration, mettre à jour le microprogramme ou réinitialiser le routeur

Remarque : Il est toujours possible de choisir parmi l'une des options principales (sauf Quick Setup [Configuration Rapide]) dans les quatre options de la partie supérieure droite de la page. Vous pouvez également revenir à la page principale en cliquant sur "**Home**".

5.2 Assistant de Configuration Rapide

L'Assistant "**Quick Setup**" [Configuration Rapide] vous guidera pas à pas pour régler les paramètres de base du C150BRS4.

Remarque : Avant de démarrer l'Assistant de Configuration Rapide, vérifiez que vous disposez bien de toutes les informations sur votre connexion Internet..
Par exemple : type de connexion, informations sur le compte, etc.

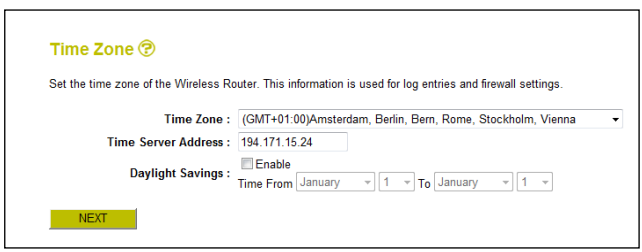
Remarque : Les règles suivantes s'appliquent dans ce chapitre : si vous ne savez pas quelle option choisir ou si vous ne disposez pas des informations nécessaires, vous devez soit consulter la documentation de la connexion Internet soit prendre contact avec votre fournisseur d'accès à Internet (ci-après appelé FAI).

A. Cliquez sur "**Quick Setup**" dans la page principale.

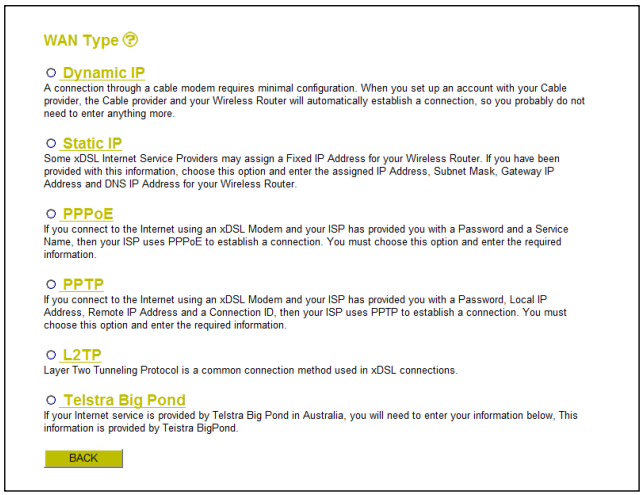
B. Pour gérer le système, il est essentiel que l'heure du système soit bien à jour pour obtenir l'heure précise sur les fichiers journaux du système.

Sélectionnez la zone horaire qui s'applique à votre cas et modifiez en option l'adresse du serveur des heures et/ou activez les périodes de changement d'heure.

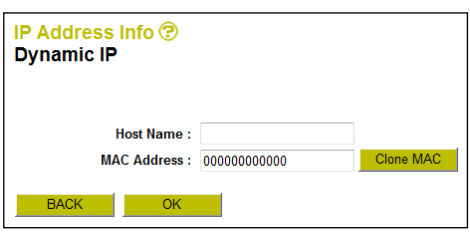
Lorsque vous avez terminé, cliquez sur le bouton "**Next**" pour continuer.



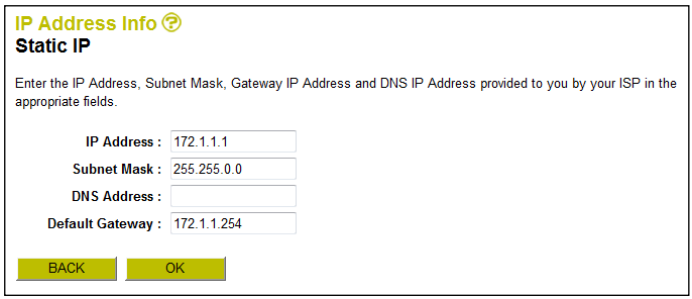
C. Sélectionnez le type WAN qui correspond aux paramètres de votre FAI.



1. **Dynamic IP** [IP Dynamique]
   Certains FAI ont besoin d'un nom d'hôte particulier pour les connexions. Si c'est le cas pour votre connexion, vous devez indiquer ici le nom d'hôte.
   Certains FAI n'autorisent qu'une adresse MAC spécifique pour se connecter à Internet. Dans ce cas, vous pouvez soit cloner l'adresse MAC de l'ordinateur que vous avec utilisé pour vous connecter à Internet en cliquant sur le bouton "Clone Mac", soit entrer l'adresse MAC manuellement.
   Lorsque vous avez terminé, cliquez sur le bouton "**OK**" pour continuer.

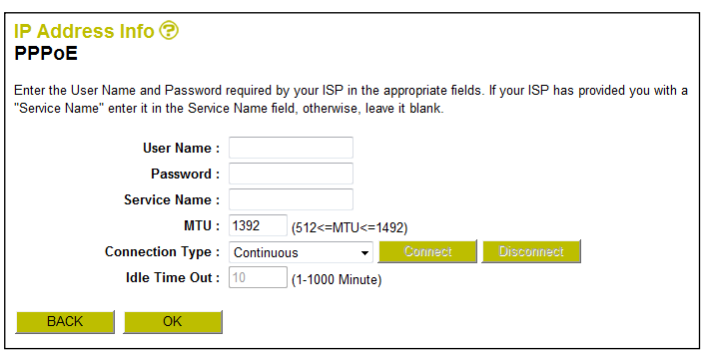


2. **Static IP** [IP Statique]
Indiquez les paramètres de l'IP Statique qui vous ont été communiqués par votre FAI dans les champs correspondants.
Lorsque vous avez terminé, cliquez sur le bouton "OK" pour continuer.



3. **PPPoE**
Indiquez les paramètres PPPoE que vous a indiqués votre FAI dans les champs correspondants.

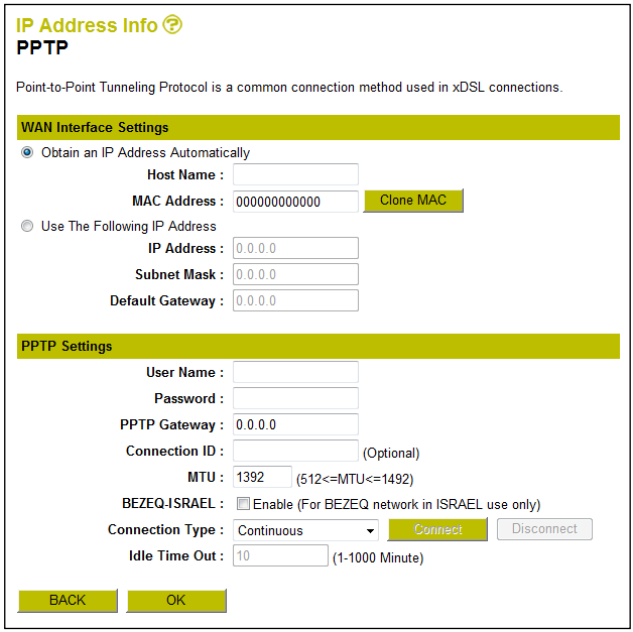
Lorsque vous avez terminé, cliquez sur le bouton "**OK**" pour continuer.



4. PPTP

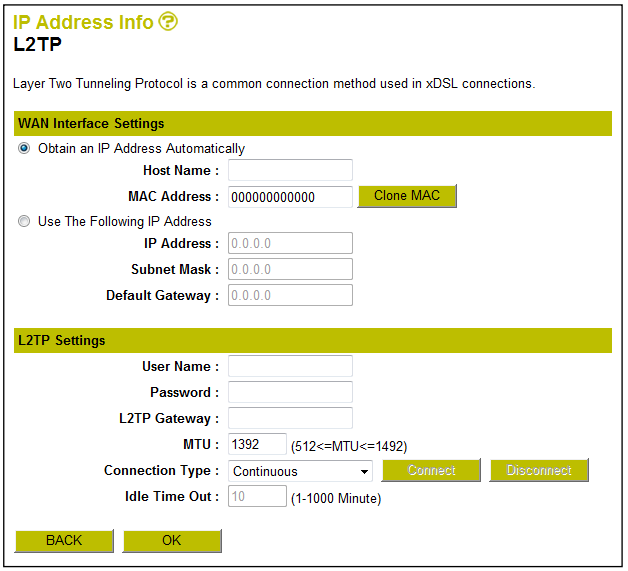
Indiquez les paramètres PPTP qui vous ont été communiqués par votre FAI dans les champs correspondants.

Lorsque vous avez terminé, cliquez sur le bouton "**OK**" pour continuer.

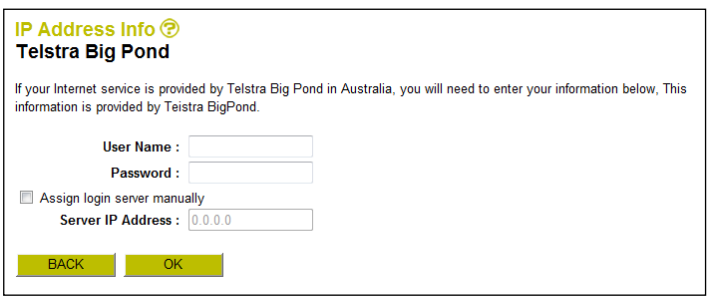


5. **L2TP**
Indiquez les paramètres L2TP qui vous ont été donnés par votre FAI dans les champs correspondants.

Lorsque vous avez terminé, cliquez sur le bouton "**OK**" pour continuer.

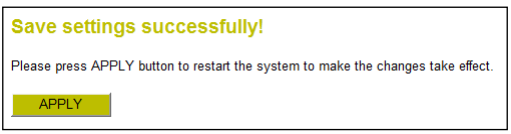


6. **Telstra - Big-Pond**
Indiquez le nom d'utilisateur et le mot de passe puis, au besoin, affectez manuellement une adresse IP du serveur.
Lorsque vous avez terminé, cliquez sur le bouton "**OK**" pour continuer.



D. Les paramètres seront automatiquement enregistrés.
Cliquez sur le bouton "**Apply**" [Appliquer] pour redémarrer le routeur.

Remarque : Lorsque vous modifiez les paramètres dans la configuration du C150BRS4 le système vous demande toujours de choisir parmi ces deux options :
- **Continue** : Continuez pour faire des modifications (les modifications ne sont pas encore enregistrées).
- **Apply** : Appliquez toutes les modifications en les enregistrant dans la configuration et en redémarrant le routeur.



Remarque : Par défaut, le réseau sans fil du C150BRS4 est sécurité avec le cryptage WPA-PSK/WPA2-PSK (mode mixed). Cela signifie que vous n'avez pas besoin de sécuriser manuellement le réseau sans fil. Consultez le chapitre 5.3 si vous souhaitez modifier manuellement les paramètres de sécurité du C150BRS4.

5.3 Configuration avancée

Ce guide d'installation rapide n'explique que les opérations de base pour mettre en service le C150BRS4 et le faire fonctionner. Pour plus d'explications concernant les paramètres, veuillez consulter le manuel d'utilisateur (en anglais uniquement) présent sur le Cd-Rom du Produit.

Placez le CD-ROM du produit dans votre lecteur de CD-ROM, attendez que le menu à lancement automatique s'affiche puis sélectionnez "**View User Manual**" [Voir le manuel d'utilisateur].

Remarque : Pour voir le manuel d'utilisateur, Adobe Reader doit être installé sur votre ordinateur. Si ce n'est pas le cas, sélectionnez "Install **Adobe Reader**" [Installer Adobe Reader] dans le menu à lancement automatique (Windows uniquement)

Vous pouvez dès à présent utiliser
votre Routeur Sans Fil 150N de Conceptronic !

6. Connexion au réseau sans fil

Il existe deux manières différentes de se connecter sans fil au C150BRS4 :

- Manuellement.
- Automatiquement en utilisant la fonction WPS.

REMARQUE IMPORTANTE !

Le C150BRS4 est protégé par défaut par le cryptage WPA-PSK/WPA2-PSK (mode mixed). La phrase codée exclusive de WPA est indiquée sur l'autocollant du produit, dans la partie inférieure de votre C150BRS4.

Presque tous les types / toutes les marques de cartes sans fil utilisent une application client différente. Veuillez consulter le manuel de votre carte sans fil pour plus d'informations concernant la création d'une connexion avec un réseau sans fil.

6.1 Connexion manuelle sur Windows 7

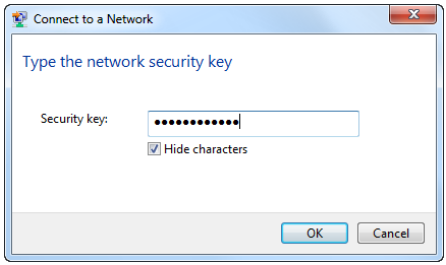
Dans l'exemple suivant, l'option "**Se connecter à un Réseau**" dans Windows 7.

A Cliquez sur l'icône "**Réseau**" dans la barre de tâches pour voir la liste des connexions de réseau sans fil disponibles.

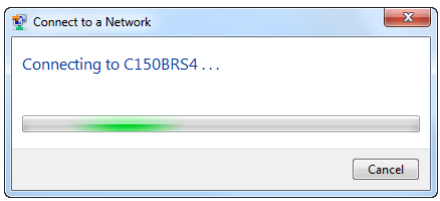
B Sélectionnez le réseau "**C150BRS4**" dans la liste et cliquez sur "**Connecter**".

Par défaut, l'option "**Connecter automatiquement**" est sélectionnée. Cette option permet de garantir que la connexion démarre automatiquement chaque fois que votre ordinateur est allumé. Si vous ne voulez pas cette option, enlevez la sélection de cette option avant de cliquer sur "**Connecter**".

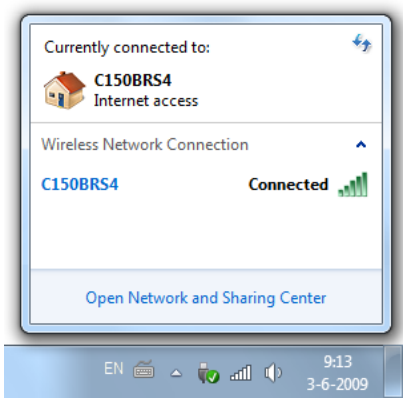
C Entrez la phrase code WPA par défaut (indiquée dans la partie inférieure du C150BRS4) dans le champ "**Code de sécurité**" et cliquez sur "**OK**".



D Le client commence alors à se connecter au réseau sans fil.



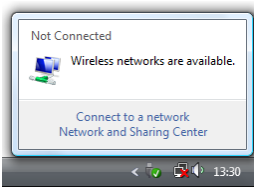
E Pour vérifier l'état de la connexion sans fil, vous pouvez cliquer sur l'Icône "**Réseau**" dans la barre des tâches. Vous pouvez y voir sur quel réseau vous êtes actuellement connecté, l'accès dont vous disposez et la force du signal de la connexion.



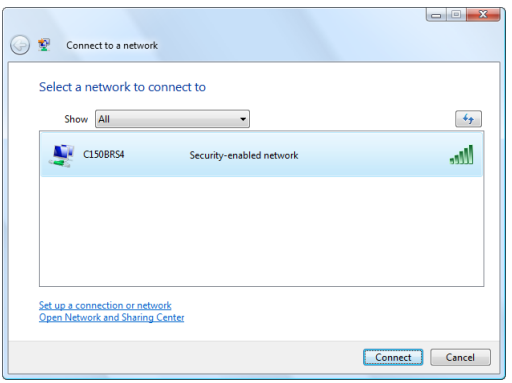
6.2 Connexion manuelle dans Windows Vista

L'exemple ci-après utilise l'option "Connecter à un Réseau" dans Windows Vista avec Service Pack 1.

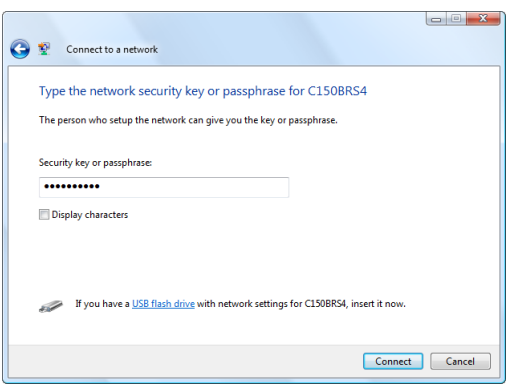
A Cliquez sur l'Icône "**Réseau**" de votre plateau système et cliquez sur "**Réseaux sans fil disponibles**".



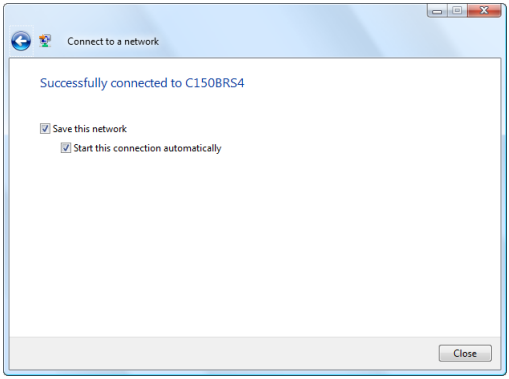
B Sélectionnez le réseau "**C150BRS4**" dans la liste et cliquez sur "**Connecter**".



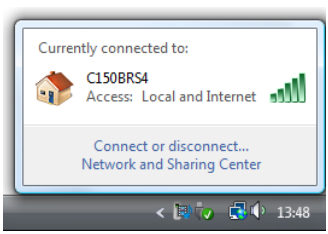
C Entrez la phrase code WPA par défaut (indiquée dans la partie inférieure du C150BRS4) dans le champ "Code de sécurité" et cliquez sur "Connecter".



D Lorsque la connexion est établie, vous pouvez choisir d'enregistrer le réseau et de le faire démarrer automatiquement chaque fois que votre ordinateur est allumé. Cliquez sur "**Fermer**" pour sortir de l'assistant de configuration.



E Pour vérifier l'état de la connexion sans fil, vous pouvez cliquer sur l'Icône "**Réseaux**" dans le plateau système. Vous pouvez y voir sur quel réseau vous êtes actuellement connecté, l'accès dont vous disposez et la force du signal de la connexion.



6.3 Connexion automatique avec WPS

Le C150BRS4 de Conceptronic supporte WPS (Configuration de Wi-Fi Protégée). WPS est une norme pour paramétrer facilement et sécuriser un réseau sans fil. Avec WPS vous pouvez paramétrer et protéger votre réseau sans fil en quelques petits clics seulement.

Remarque : Pour utiliser WPS avec le C150BRS4 vous devez disposer d'un client sans fil qui supporte WPS. Si vous disposez d'un ou de plusieurs clients sans fil sans support WPS, nous vous conseillons de connecter manuellement le C150BRS4 à l'aide du code WPA préconfiguré indiqué dans la partie inférieure du dispositif. Consultez les chapitre 6.1 ou 6.2 pour savoir comment se connecter manuellement au réseau sans fil.

Remarque : Pour de plus amples informations (techniques) concernant WPS, veuillez consulter le site web suivant :
http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

Le C150BRS4 supporte deux manières d'activer et d'établir une connexion WPS.
- **Technologie de Bouton poussoir (*Push Button*)**
- **Technologie de Code Pin**

WPS - Technologie de Bouton poussoir (*Push Button*)

La technologie de Bouton WPS nécessite un bouton (virtuel) sur votre client sans fil pour établir une connexion entre le C150BRS4 et votre client sans fil.
Certains clients sans fil utilisent un bouton réel pour activer la technologie de Bouton de WPS ; d'autres clients sans fil utilisent un bouton virtuel dans leur software.

Procédez comme indiqué ci-après pour activer et définir une connexion WPS avec la technologie de Bouton :

A. Appuyez sur le bouton WPS sur la façade arrière du C150BRS4, le voyant LED WLAN/WPS s'allume en continu pour indiquer que l'authentification WPS a commencé.

B. Appuyez sur le bouton WPS de votre client sans fil. Il peut s'agir d'un bouton réel ou d'un bouton virtuel dans le software de votre client sans fil.

Remarque : Le C150BRS4 laisse l'authentification WPS active pendant 120 secondes. Pendant ce processus, le voyant LED WLAN/WPS s'allume en continu. S'il n'y a pas de connexion WPS dans les 120 secondes, le voyant LED revient à l'état d'origine et le processus d'authentification WPS s'arrête.

Si l'authentification WPS est réussie, le voyant LED WLAN/WPS revient à l'état d'origine.

Le client sans fil est à présent connecté au réseau sans fil sécurisé du C150BRS4.
Vous pouvez ajouter d'autres clients sans fils sans perdre la connexion avec les clients sans fils connectés au préalable. Si vous souhaitez ajouter d'autres clients sans fil, répétez les étapes **A** et **B**.

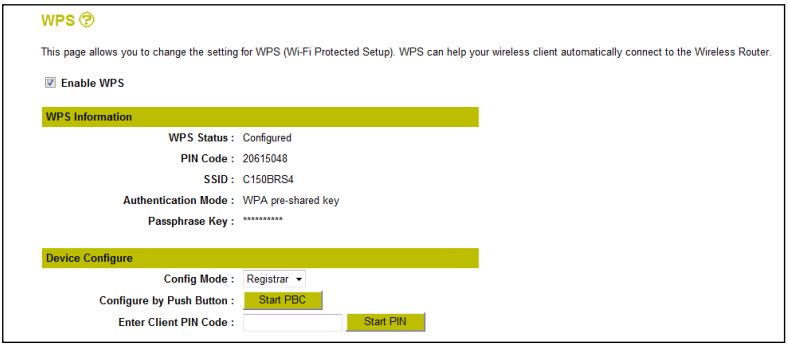
WPS - Technologie de Code Pin.

Si votre client sans fil supporte WPS mais n'a pas de Bouton (virtuel), vous pouvez utiliser la technologie de Code Pin pour établir une connexion WPS.

Remarque : Pour activer la fonction de Code Pin, vous aurez besoin d'un ordinateur avec une connexion câblée au C150BRS4.

A. Pour vous connecter à l'interface Internet, consultez le **chapitre 5.1.**
B. Sélectionnez d'abord "**General Setup**" [Configuration générale] puis "**WPS**".

La page de configuration de WPS s'affiche.

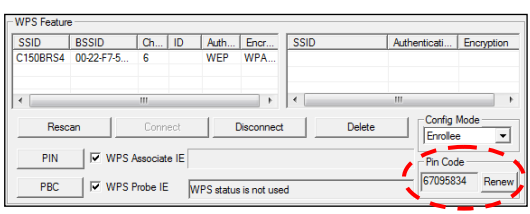


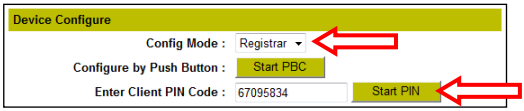
Dans la page de configuration de WPS, vous pouvez choisir soit le "Push Button" [Bouton] virtuel, soit l'authentification par "PIN Code".
L'authentification par "PIN Code" peut être lancée de deux manières différentes :

---

1. Le client sans fil fournit le code PIN, qui sera saisi dans le routeur.
Dans ce cas, le client sans fil sera l'"Enrollee" et le routeur sera le "Registrar".

A. Lancez le client sans fil et recherchez le code PIN fourni, comme illustré dans l'exemple ci-après :



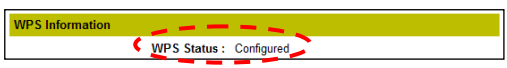


B. Vérifiez que le "**Mode Config**" de la page de configuration WPS est bien réglé sur "**Registrar**".
C. Indiquez le code PIN indiqué par votre client sans fil dans le champ "**Enter Client PIN Code**" [Indiquer Code PIN de Client].
D. Cliquez sur le bouton "**Start PIN**".

Le C150BRS4 conserve l'authentification WPS pour les connexions à venir avec le code actif PIN créé pendant 120 secondes.

E. Démarrez la connexion par code PIN sur votre client sans fil.

Votre client sans fil se connecte à présent au réseau sans fil sécurisé du C150BRS4. Lorsque la connexion est établie, le C150BRS4 arrête la vérification d'authentification du WPS et le statut WPS dans la page de configuration de WPS est fixée sur "**Configured**" [Configuré].



Si vous souhaitez ajouter d'autres Clients Sans Fils dans la fonction WPS, répétez les opérations **A** à **E**.

---

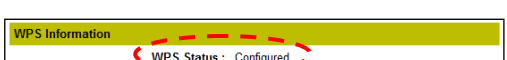
2. Le routeur vous fournit le code PIN, qui est saisi dans le client sans fil.
Dans cette situation, le routeur sera l'"Enrollee" et le client sans fil sera le "Registrar".

A. Fixez l'options **"Config Mode"** dans la configuration WPS sur **'Enrollee'** et écrivez le code PIN indiqué dans la section **"PIN Code"**.
B. Cliquez sur le bouton "**Start PIN**".

Le C150BRS4 conserve l'authentification WPS pour les connexions à venir avec le code actif PIN créé pendant 120 secondes.

C. Indiquez le code PIN fourni par le C150BRS4 dans votre software client sans fil, fixez le software client sans fil sur "**Registrar**" et lancez la connexion de code PIN.

Votre client sans fil se connecte à présent au réseau sans fil sécurisé du C150BRS4. Lorsque la connexion est établie, le C150BRS4 arrête la vérification d'authentification du WPS et le statut WPS dans la page de configuration de WPS est fixée sur "**Configured**" [Configuré].



Si vous ajoutez d'autres Clients Sans Fils avec la fonction WPS, répétez les étapes **A** à **C**.

7. Localisation des ports

Le C150BRS4 de Conceptronic est équipé d'un pare-feu intégré pour empêcher les attaques d'Internet dans votre réseau. Ce pare-feu bloque automatiquement tout le trafic entrant de ports non utilisés. Lorsqu'un port bloqué est nécessaire pour un service ou une application (par exemple : un Serveur FTP ou un Serveur Internet), vous pouvez créer une Règle de Serveur Virtuel dans les pages de configuration pour autoriser le trafic.

Le C150BRS4 supporte également la localisation de ports UPnP, autorise les applications UPnP locales pour ajouter automatiquement les localisations de ports dans la configuration du routeur. Cela signifie que si vous utilisez une application compatible avec UPnP, il n'est pas nécessaire de créer manuellement une règle de Serveur Virtuel dans le C150BRS4 pour cette application.

Si UPnP n'est pas disponible ou si une règle de Serveur Virtuel doit être ajoutée pour une autre raison, nous vous conseillons de configurer l'(les) ordinateur(s) et/ou le/les dispositif/s de réseau avec une adresse IP fixe au lieu d'une adresse IP dynamique.

Vous trouverez ci-après une liste des ports les plus couramment utilisés et leur application correspondante

Port	Application	Port	Application
20	Données FTP (serveur FTP)	**80**	HTTP (Serveur WEB)
21	Données FTP (Serveur FTP)	**110**	POP3 (Serveur Courrier - entrant)
22	SSG (Secure shell)	**2000**	À distance N'importe où
23	Telnet	**5800**	VNC
25	SMTP (Serveur Courrier – sortant)	**5900**	VNC

Pour connaître les détails d'autres ports et leurs applications correspondantes, voyez http://portforward.com/cports.htm

Remarque : Pour plus d'explications sur le serveur virtuel et les options DMZ, veuillez consulter le manuel d'utilisateur (en anglais uniquement) présent sur le Cd-Rom du Produit. Sélectionnez "View User Manual" dans le menu à lancement automatique.

A. Pour vous connecter à l'interface Internet, consultez le **chapitre 5.1.**

B. Sélectionnez "**General Setup**", "**NAT**" et "**Virtual Server**" pour ouvrir la page de configuration du serveur virtuel.

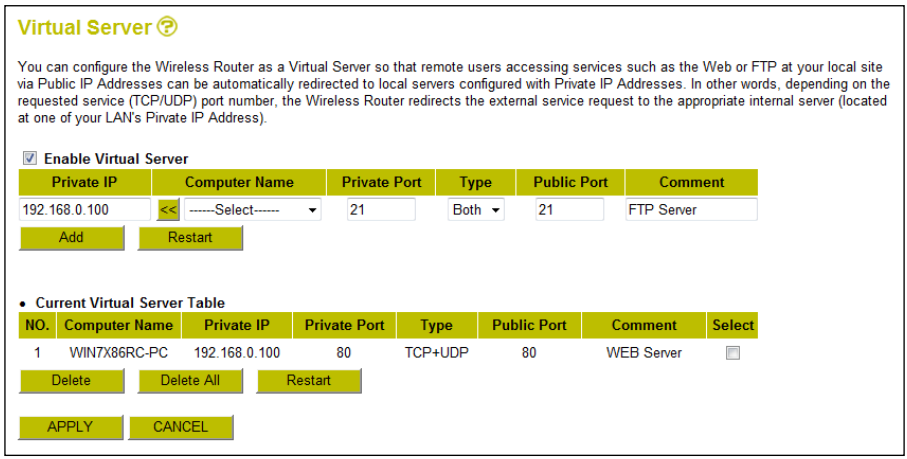
C. Activez le serveur virtuel pour connaître la règle de serveur virtuel dans les champs suivants :

D. Saisissez les informations nécessaires pour la règle de serveur virtuel dans les champs suivants :
- **Private IP** : Saisissez l'adresse IP locale de l'ordinateur/du dispositif.
- **Private-Port** : Saisissez le port local souhaité pour l'ordinateur/le dispositif.
- **Type** : Sélectionnez le type de trafic de réseau par lequel vous devez passer.
- **Public Port** : Indiquez le port qui doit être visible à l'extérieur de votre connexion à Internet.
- **Commentaire** : En option vous pouvez ajouter un nom pour reconnaître facilement la règle de serveur virtuel.

Remarque : Lorsque l'ordinateur/le dispositif est connecté sur le routeur, vous pouvez également sélectionner son nom dans la liste déroulante sous "**Computer Name**" et appuyer sur le bouton "<<", pour ajouter automatiquement son adresse IP.

E. Cliquez sur le bouton "**Add**" pour ajouter la règle de serveur virtuel dans le tableau de serveur virtuel.

Remarque : L'image ci-après illustre un exemple d'une configuration de serveur virtuel.



Remarque : Si vous ne savez pas de quel protocole ("Type") vous avez besoin pour sélectionner votre règle de serveur virtuel, sélectionnez "Both" (les deux). Cette option fera passer le trafic TCP et UDP par l'adresse IP configurée.

F. Lorsque vous avez terminé d'ajouter des règles de serveur virtuel, cliquez sur le bouton "APPLY" pour enregistrer les paramètres. En page suivante, cliquez à nouveau sur "APPLY" pour redémarrer le routeur.

Lorsque le routeur a redémarré, tous les paramètres sont pris en compte et les règles de serveur virtuel s'appliquent.

Les règles de serveur virtuel définies sont prêtes à fonctionner

Remarque : Pour avoir une explication plus détaillée des fonctions et paramètres disponibles pour le C150BRS4, veuillez consulter le manuel d'utilisateur (anglais uniquement) sur le CD-ROM du produit fourni. Sélectionnez "**View User Manual**" dans le menu à lancement automatique.

Conceptronic C150BRS4 versione 2.0

Manuale di installazione rapida

Complimenti per aver acquistato il router wireless 150N Conceptronic.

Il presente manuale di installazione rapida è una guida passo dopo passo per l'installazione e l'uso di Conceptronic C150BRS4.

Per maggiori informazioni o assistenza relativamente al prodotto, consultare il sito Web **Service & Support** all'indirizzo **www.conceptronic.net/support**, selezionando una delle seguenti opzioni:

- **FAQ** : Archivio delle risposte alle domande più frequenti
- **Prodotti scaricabili** : Manuali, driver, firmware e altri prodotti scaricabili
- **Contatti** : Contatta il servizio di assistenza Conceptronic

Per informazioni generali sui prodotti Conceptronic, visitare il sito di Conceptronic all'indirizzo **www.conceptronic.net**.

Le informazioni contenute in questo manuale per l'installazione rapida si riferiscono a Windows 7 e Vista, e possono variare in maniera significativa in computer in cui sia installato un sistema operativo differente.

Nota: Il presente manuale per l'installazione rapida illustra i passi basilari per installare e avviare il C150BRS4 .
Per maggiori informazioni sulle varie funzioni del C150BRS4, consultare il manuale d'uso (solo in inglese) nel CD-ROM allegato al prodotto. Aspettare che appaia il menu di avvio automatico e selezionare '**Visualizza il manuale d'uso**'.

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- 2.2. Pannello posteriore

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- 4.1. Configurazione dell'indirizzo IP
- 4.2. Verifica della connessione

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- 5.2. Guida all'installazione rapida
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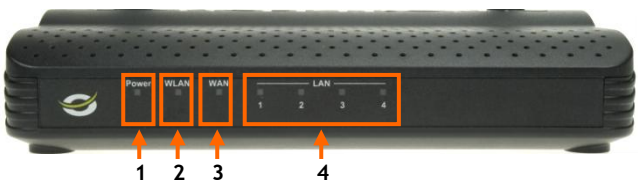
1. Contenuto della confezione

La confezione del router Wireless 150N di Conceptronic contiene le seguenti unità:

- Conceptronic C150BRS4 – Router Wireless 150N
- Alimentazione elettrica da 12V DC, 0.5A
- Cavo di rete (LAN)
- CD-ROM del prodotto
- Il presente manuale di installazione rapida multilingue
- Certificato di garanzia e libretto dichiarazione di conformità CE

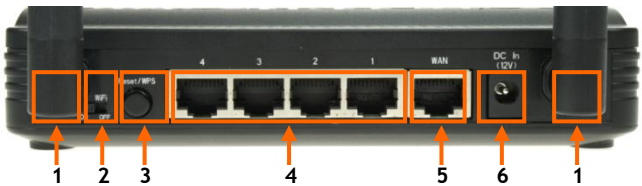
2. Descrizione del C150BRS4

2.1 Pannello frontale



N	Descrizione	Stato	Illustrazione dello stato
1	LED accensione	**OFF** **ON**	Il dispositivo è spento Il dispositivo è acceso
2	LED WLAN/WPS	**OFF** **ON - FISSO** **ON - LAMPEGGIANTE**	La rete senza fili non è attiva la funzione Wireless WPS è attiva Attività della rete senza fili (invio/ricezione dati)
3	LED WAN	**OFF** **ON - FISSO** **ON - LAMPEGGIANTE**	La porta WAN è scollegata La porta WAN è collegata Attività della porta WAN (invio/ricezione dati)
4	LED LAN (1, 2, 3, 4)	**OFF** **ON - FISSO** **ON - LAMPEGGIANTE**	La porta LAN è scollegata La porta LAN è collegata Attività della porta LAN (invio/ricezione dati)

2.2 Pannello posteriore



N	Descrizione	Illustrazione
1	Antenne Wireless (2x)	Due antenne fisse per la trasmissione radio senza fili
2	Interruttore Radio ON/OFF	Accendere o spegnere la radio senza fili
3	Ripristo/tasto WPS	Attivare la funzione WPS (premere brevemente) o eseguire un ripristino (tenere premuto)
4	Porte LAN (1 - 4)	Collegare il computer o i dispositivi di rete al router
5	Porta WAN	Collegare la connessione a banda larga al router
6	Collegamento elettrico	Collegare l'alimentazione elettrica al router

3. Collegamento dei cavi

Collegare l'alimentazione elettrica alla presa elettrica presente sul retro del C150BRS4 e a una presa a muro disponibile. Il LED di accensione posto sul lato frontale del C150BRS4 si illuminerà.

3.1 Porta WAN

Utilizzare un cavo di rete (LAN) per collegare il C150BRS4 al modem a banda larga.
Il LED WAN del lato frontale del C150BRS4 si accenderà.

Nota: Qualora il LED WAN del lato frontale non si illuminasse, verificare che:
- Il C150BRS4 sia acceso (il LED di accensione dovrebbe illuminarsi).
- Il modem a banda larga sia acceso.
- Il cavo di rete (LAN) che collega i due dispositivi sia correttamente installato.

3.2 Porta (e) LAN

Collegare il cavo di rete (LAN) a una delle 4 porte LAN sul retro del C150BRS4 e alla scheda di rete del computer.
Il LED LAN della porta LAN utilizzata si illuminerà per indicare che il computer è connesso. (Il computer deve essere acceso e la connessione LAN deve essere attiva).

4. Configurazione del computer

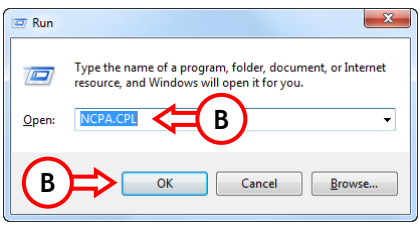
4.1 Configurazione dell'indirizzo IP

Il C150BRS4 è dotato di un server interno DHCP. Il server DHCP assegnerà automaticamente un indirizzo IP a ogni computer connesso se il computer collegato è configurato per rilevare automaticamente un indirizzo IP.

La maggior parte dei computer sono configurati in maniera predefinita per ottenere automaticamente un indirizzo IP. In caso contrario, sarà necessario configurare il computer per ottenere un indirizzo IP in maniera automatica seguendo le istruzioni sotto riportate.

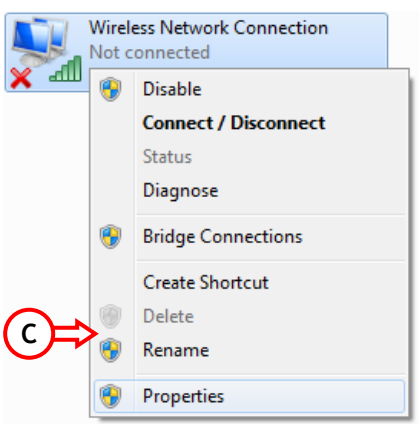
A. Cliccare su **'Start'**, andare su **"Programmi'**, **'Accessori'**, e selezionare **'Installa'**.

B. Inserire il comando **'NCPA.CPL'** e cliccare su **'OK'**.



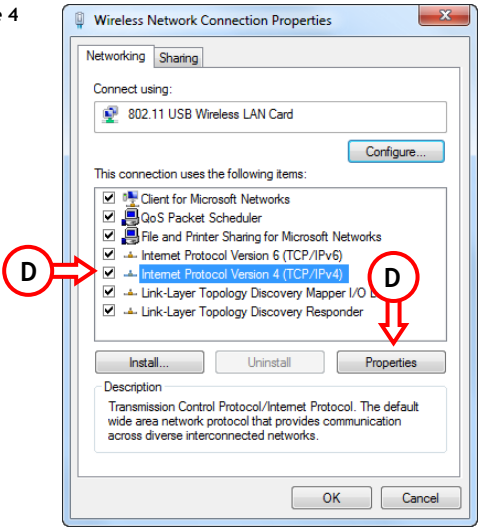
Verrà visualizzata la finestra **"Connessioni di rete"**.

C. Fare click col tasto destro su **'Connessione alla rete locale'** o **'Connessione rete senza fili'** (in base alla connessione utilizzata) e selezionare **'Proprietà'**.



Verrà visualizzata la finestra delle proprietà della connessione alla rete locale o della connessione alla rete senza fili.

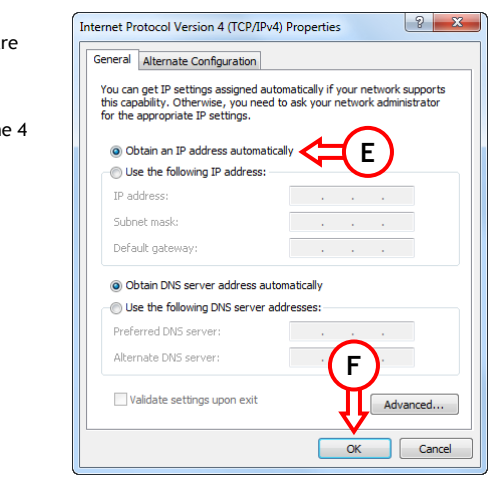
D. Selezionare **'Protocollo Internet Versione 4 (TCP/IPv4)'** e fare click su **'Proprietà'**.



Verrà visualizzata la finestra delle proprietà del protocollo Internet, versione 4 (TCP/IPv4).

E. Impostare le proprietà su **'Ottenere un indirizzo IP in maniera automatica'** e fare click su **'OK'** per salvare le impostazioni.

F. Fare click su **'OK'** nella finestra delle proprietà del protocollo Internet, versione 4 (TCP/IPv4), per salvare le impostazioni.



4.2 Verifica della connessione

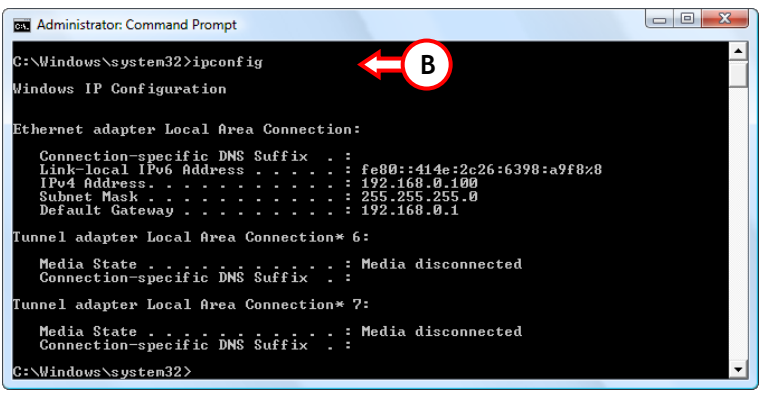
Il **'Prompt dei comandi'** di Windows consente di verificare se è stato assegnato un indirizzo corretto durante la connessione alla rete locale o la connessione alla rete senza fili. L'esempio sotto riportato si riferisce a Windows 7 e Vista, Service Pack 1. Per eseguire le istruzioni riportate in Windows 7 e Vista è necessario disporre dei requisiti di amministratore, così come di seguito illustrato.

A. Cliccare su **'Start'**, **'Programmi'**, **'Accessori'**, fare click col tasto destro su **'Prompt dei comandi'** e selezionare **'Avvia come amministratore'**.

Il sistema potrebbe visualizzare un messaggio di avvertimento che è necessario accettare cliccando su **'Continua'** o **'Sì'**.

Verrà visualizzata la finestra del prompt dei comandi. Accertarsi che la barra del titolo del **'Prompt dei comandi'** rechi la scritta **"Amministratore: Prompt dei comandi"**. Se la scritta **"Amministratore"** non è presente significa che non si dispongono dei requisiti necessari di amministratore per andare avanti. In tal caso è necessario ripetere la procedura illustrata nel **punto A**.

B. Inserire il commando **'IPCONFIG'** e premere **'INVIO'** sulla tastiera.

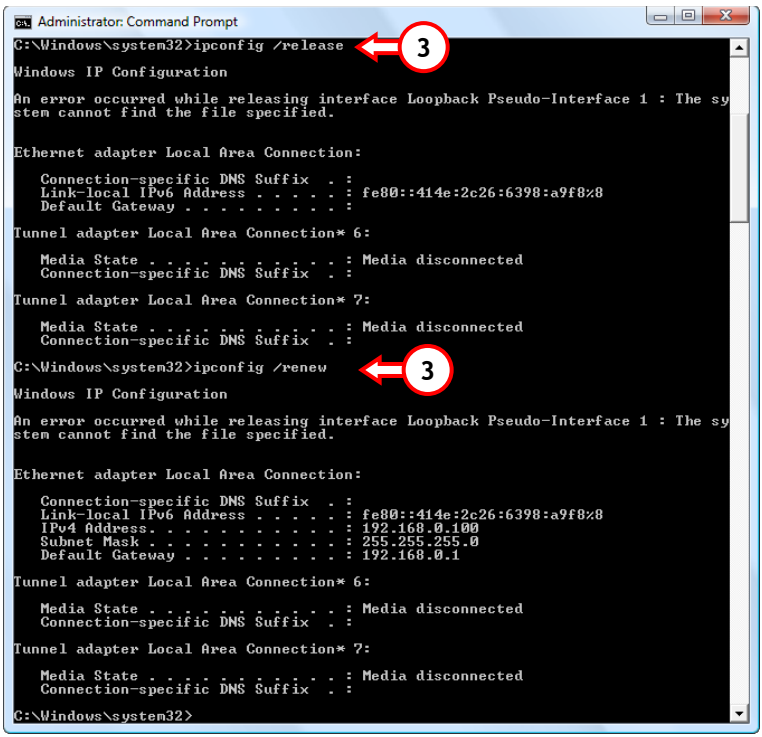


Il sistema dovrebbe visualizzare le seguenti informazioni:
Indirizzo IPv4 **: 192.168.0.xxx** (dove **xxx** può assumere valori da **100 ~ 199**).
Maschera di sottorete **: 255.255.255.0**
Gateway predefinito **: 192.168.0.1**

Se le informazioni sopra riportate corrispondono alla configurazione del computer è possibile proseguire installando il router come illustrato nella **sezione 5**.

Nel caso in cui dette informazioni non corrispondessero alla configurazione del computer (per es. l'indirizzo IP è 169.254.xxx.xxx), è necessario proseguire come segue:

1. Scollegare e ricollegare l'alimentazione elettrica del router.
2. Scollegare e ricollegare il cavo di rete al router e al computer.
3. Rinnovare l'indirizzo IP del computer eseguendo i comandi sotto riportati:
   - **'IPCONFIG /RELEASE'** : verrà rilasciato l'indirizzo IP scorretto
   - **'IPCONFIG /RENEW'** : verrà rinnovato l'indirizzo IP



Se le istruzioni sopra riportate non consentono di risolvere il problema dell'indirizzo IP, è possibile riconfigurare il dispositivo riportandolo alle impostazioni predefinite tramite il pulsante di ripristino posto sul retro del dispositivo.
Tenere premuto il pulsante di ripristino fino a che il LED di accensione non inizia a lampeggiare (circa 10 secondi). Il router verrà riavviato e caricherà le impostazioni predefinite. Non appena il LED di accensione diventa di nuovo fisso, è necessario ripetere le istruzioni del **punto B** per rinnovare l'indirizzo IP.

Nota: Se il problema persiste, verificare che tutti i cavi siano collegati in maniera corretta. La porta WAN va connessa al modem e la porta LAN al computer. Se queste ultime sono collegate in maniera sbagliata, anche l'indirizzo IP potrebbe risultare errato.

5. Configurazione del C150BRS4

Questa sezione descrive come configurare il C150BRS4 utilizzando la guida all'installazione rapida. Dopo aver eseguito le istruzioni riportate in questa sezione, il router sarà pronto per eseguire le funzionalità base.

5.1 Registrazione

Per configurare il C150BRS4 viene utilizzata un'interfaccia Web. È pertanto possibile configurare il C150BRS4 da qualsiasi computer in cui sia presente un browser Web connesso al C150BRS4.

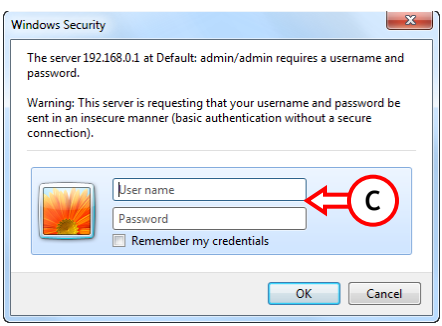
Nota: Si raccomanda di non utilizzare una connessione senza fili per configurare il C150BRS4, in quanto la connessione potrebbe perdersi mentre si regolano alcune impostazioni. Si consiglia pertanto di utilizzare un computer che sia connesso al C150BRS4 tramite un cavo di rete.

Per collegarsi al C150BRS4 è necessario eseguire le seguenti istruzioni:

A. Avviare il browser Web (per es.: Internet Explorer, Firefox, Safari o Chrome).

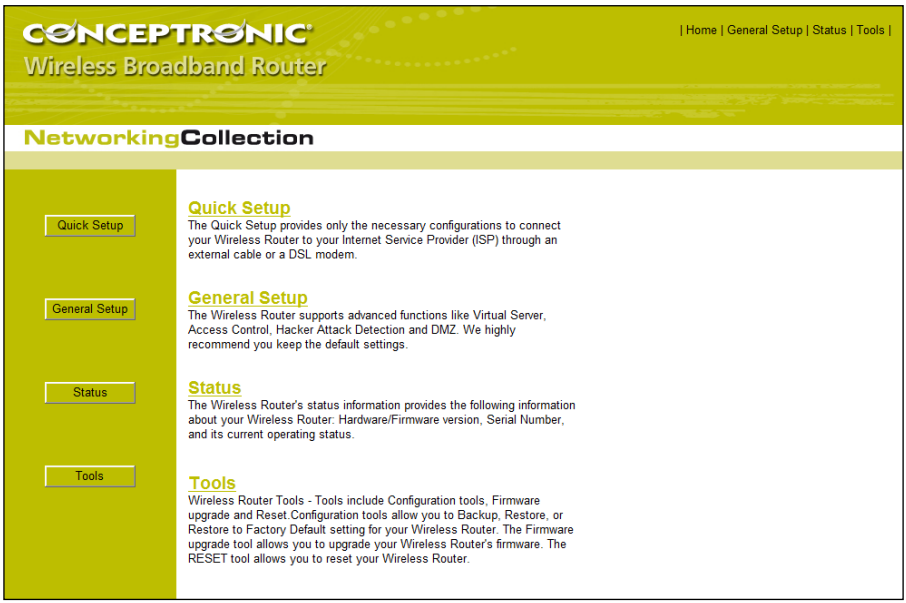
B. Inserire l'indirizzo IP del router nella barra degli indirizzi del browser Web.
Predefinito : **http://192.168.0.1/**

Verrà visualizzata una finestra di pop-up in cui è necessario inserire il nome utente e la password.



C. Inserire il nome utente e la password e cliccare su '**OK**' per entrare nella configurazione Web.
Nome utente predefinito : **admin**
Password predefinita : **admin**

Se il nome utente e la password sono corretti, il router si collegherà alla pagina principale:



Dalla pagina principale è possibile selezionare una delle quattro opzioni principali della configurazione Web del C150BRS4 :

- **Installazione rapida** : Installare rapidamente il C150BRS4 per il primo utilizzo (istruzioni riportate nella **sezione 5.2**)
- **Installazione generale** : Cambiare le opzioni avanzate (istruzioni riportate nella **sezione 5.3**)
- **Stato** : Verificare lo stato del router, i client connessi e i file di log
- **Strumenti** : Effettuare il back up della configurazione, aggiornare il firmware o riavviare il router

Nota: È possibile in qualsiasi momento selezionare una delle principali opzioni (eccetto l'opzione di installazione rapida) tra le quattro a disposizione presenti in alto a destra della pagina. È altresì possibile tornare alla pagina principale cliccando su **'Home'**.

5.2 Guida all'installazione rapida

La guida all'**installazione rapida'** vi condurrà passo dopo passo attraverso le impostazioni basilari del C150BRS4.

Nota: Prima di avviare la guida all''installazione rapida', accertarsi di avere tutte le informazioni sulla connessione Internet a disposizione.
Per esempio: tipo di connessione, informazioni relative all'account, ecc.

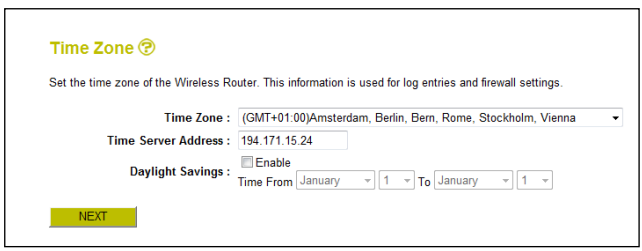
Nota: Nel corso di questa sezione, bisogna sempre tenere presente che: nel caso in cui non sia noto quale opzione utilizzare o nel caso in cui non si abbiano a disposizione le informazioni necessarie, è necessario consultare la documentazione relativa alla connessione Internet impiegata, oppure contattare il proprio fornitore di servizi Internet (di seguito "ISP").

A. Fare click su **'Installazione rapida'** nella pagina principale.

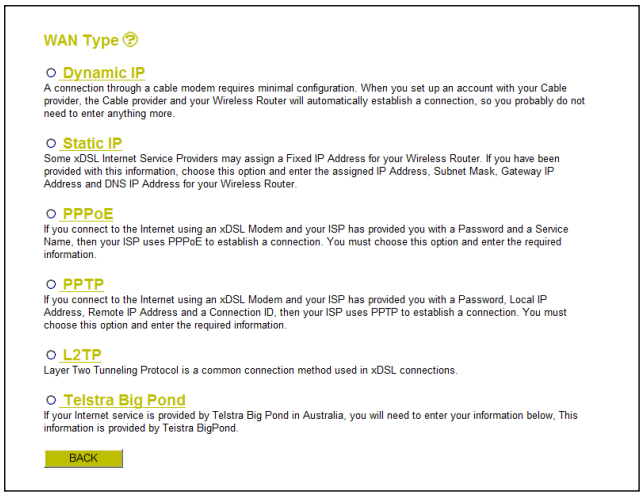
B. Per esigenze di gestione del sistema, è indispensabile impostare correttamente l'ora per ottenere orari e date corrette nei log di sistema.

Selezionare il fuso orario corretto e all'occorrenza modificare l'indirizzo del server dell'ora e/o attivare l'ora legale.

Una volta eseguita l'operazione, cliccare sul tasto **'Continua'** per proseguire.



C. Selezionare il tipo WAN che corrisponde alle impostazioni dell'ISP.

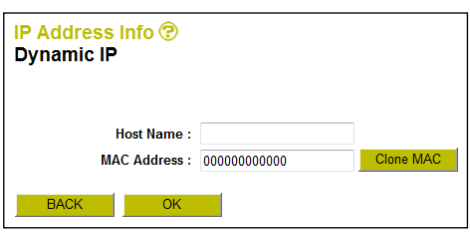


1. IP dinamico

Alcuni ISP richiedono una nome utente specifico per le connessioni. In tal caso, è necessario inserire il nome utente qui.

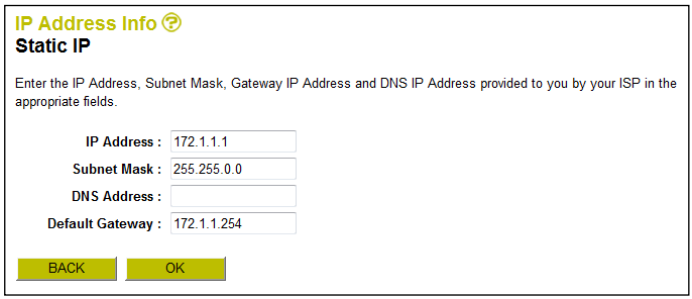
Alcuni ISP consentono a un solo indirizzo MAC di connettersi a Internet. In tal caso, è possibile clonare l'indirizzo MAC del computer che si utilizza per collegarsi a Internet cliccando sul pusante '**Clona MAC**', oppure inserire manualmente l'indirizzo MAC.

Una volta eseguita l'operazione, cliccare sul pulsante '**OK**' per continuare.



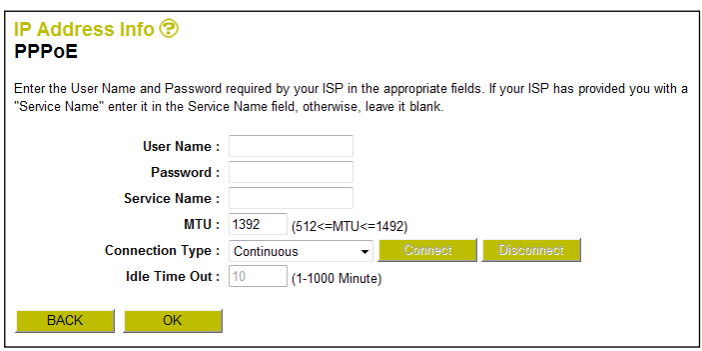
2. **IP statico**
   Inserire le impostazioni dell'IP statico fornite dall'ISP nei relativi campi.

   Una volta eseguita l'operazione, cliccare sul pulsante '**OK**' per continuare.



3. **PPPoE**
   Inserire le impostazioni PPPoE fornite dall'ISP nei relativi campi.

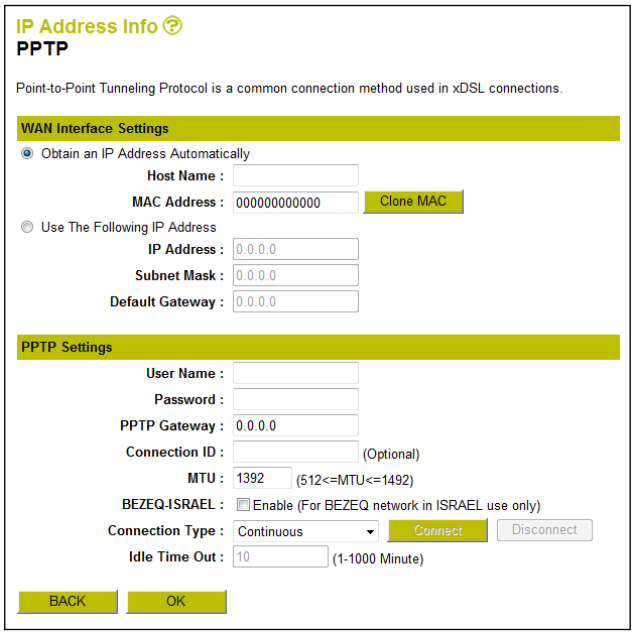
   Una volta eseguita l'operazione, cliccare sul pulsante '**OK**' per continuare.



4. PPTP

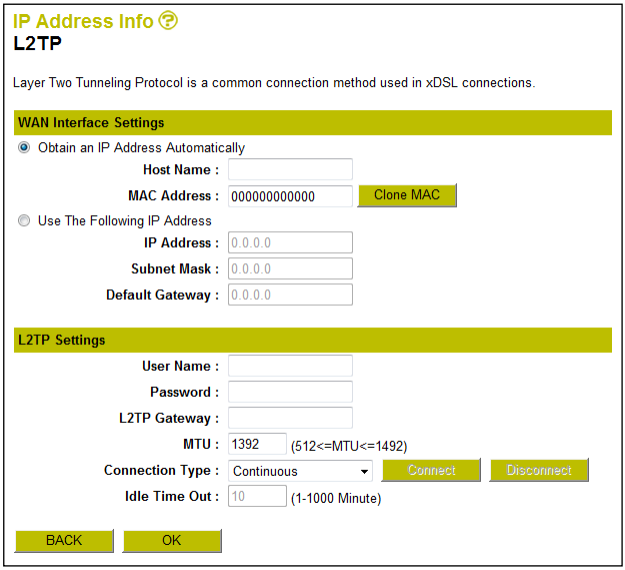
Inserire le impostazioni PPTP fornite dall'ISP nei relativi campi.

Una volta eseguita l'operazione, cliccare sul pulsante '**OK**' per continuare.



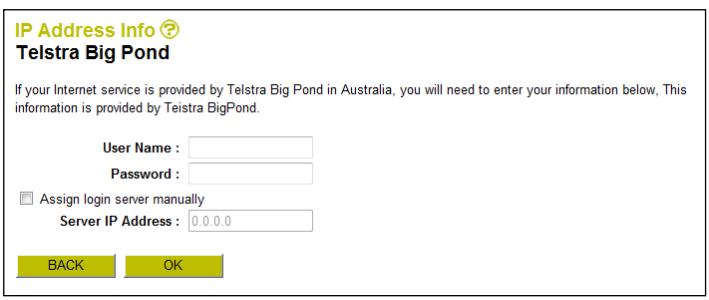
5. **L2TP**
   Inserire le impostazioni L2TP fornite dall'ISP nei relativi campi.

   Una volta eseguita l'operazione, cliccare sul pulsante '**OK**' per continuare.



6. **Telstra Big Pond**
   Inserire il nome utente e la password e, all'occorrenza, assegnare manualmente un indirizzo IP del server.

   Una volta eseguita l'operazione, cliccare sul pulsante '**OK**' per continuare.



D. Le impostazioni verranno automaticamente salvate.
Fare cliclk sul pulsante '**Applica**' per riavviare il router.

Nota: Allorché si modificano le impostazioni di configurazione del C150BRS4 occorrerà scegliere tra due opzioni:
- **Continua** : Continuare ad effettuare modifiche (le modifiche non sono state ancora salvate).
- **Applica** : Applicare tutte le modifiche salvandandole nella configurazione e riavviando il router.

Nota: La rete senza fili del C150BRS4 è resa sicura in maniera predefinita dal sistema di criptaggio WPA-PSK/WPA2-PSK (modalità mista). Non è quindi necessario provvedere a rendere sicura manualmente la rete senza fili. Si rinvia alla **sezione 5.3** per cambiare manualmente le impostazioni di sicurezza del C150BRS4.

5.3 Impostazioni avanzate

La presente guida all'installazione rapida illustra le impostazioni principali per configurare e attivare il C150BRS4. Per configurare impostazioni avanzate o ottenere informazioni più dettagliate, consultare il manuale d'uso (solo in inglese) nel CD-ROM allegato al prodotto.

Posizionare il CD-ROM del prodotto nel lettore ottico; aspettare che sia visualizzato il menu di avvio automatico e selezionare '**Visualizza manuale d'uso**'.

Nota: Per visualizzare il manuale d'uso, è necessario che sul computer sia installato Adobe Reader. Qualora il programma non fosse installato sul computer, è possibile selezionare '**Installa Adobe Reader**' dal menu di avvio automatico (solo per Windows).

Il router Wireless 150N Conceptronic è pronto per essere usato!

6. Connessione alla rete senza fili

Ci sono due modalità per collegare senza fili il C150BRS4:

- Manualmente.
- Automaticamente utilizzando la funzione WPS.

! IMPORTANTE !

Il C150BRS4 è reso sicuro in maniera predefinita dal sistema di criptaggio WPA-PSK/WPA2-PSK (modalità mista).L'unica password WPA si trova sull'etichetta del prodotto apposta sulla parte inferiore del C150BRS4.

Quasi tutte le schede wireless, a prescindere dal marchio e dal tipo, utilizzano un'applicazione client diversa. Si rinvia al manuale della scheda di rete senza fili per informazioni su come creare una connessione ad una rete senza fili.

6.1 Connessione manuale a Windows 7

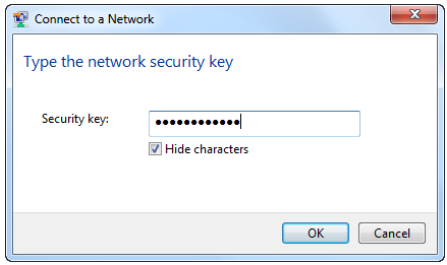
Nel seguente esempio si utilizza l'opzione integrata di Windows 7 **"Connessione a una rete"**.

A Cliccare sull'icona **'Rete'** sulla barra delle applicazioni per visualizzare l'elenco delle connessioni di rete senza fili disponibili.

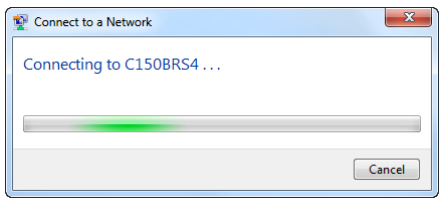
B Selezionare la rete **"C150BRS4"** dall'elenco e fare click su **'Connetti'**.

In maniera predefinita viene selezionata l'opzione **"Connetti automaticamente"**. Ciò consente che la connessione sia lanciata automaticamente all'avvio del computer. Per impedire che ciò avvenga, è possibile deselezionare l'opzione, prima di fare click su **'Connetti'**.

C Inserire la password WPA predefinita (presente nella parte inferiore del C150BRS4) nel campo **"Chiave di sicurezza"** e fare click su **'OK'**.



D Il client inizierà a connettersi alla rete senza fili.

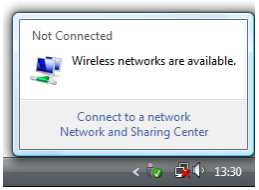


E Per verificare lo stato della connessione senza fili, è possibile cliccare sull'icona **'Rete'** sulla barra delle applicazioni. Sarà possibile vedere a quale rete ci si sta connettendo, il tipo di accesso di cui si dispone, e la forza del segnale della connessione.

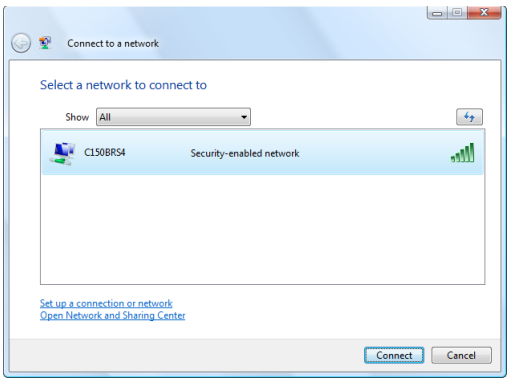
6.2 Connessione manuale a Windows Vista

Nell'esempio che segue viene utilizzata l'opzione integrata di Windows Vista con Service Pack 1 **"Connessione a una rete"**.

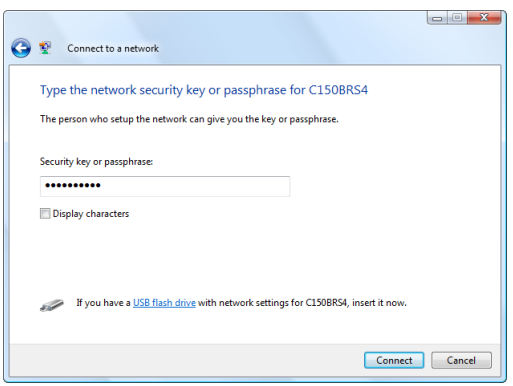
A Cliccare sull'icona **'rete'** sulla barra delle applicazioni e su **"Elenco reti senza fili disponibili"**.



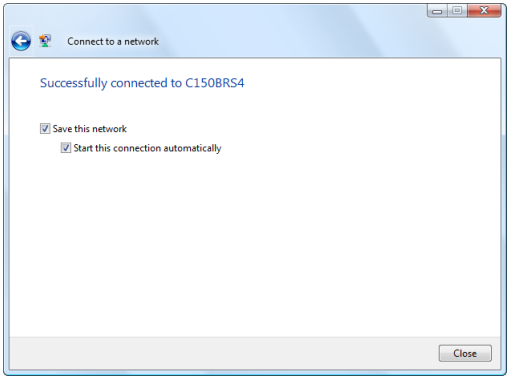
B Selezionare la rete **"C150BRS4"** dall'elenco e cliccare su **'Connetti'**.



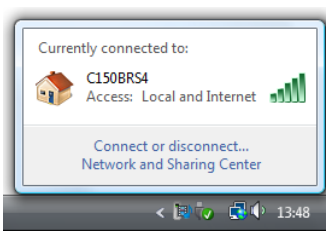
C Inserire la password WPA predefinita (presente sulla parte inferiore del C150BRS4) nel campo **"Chiave di sicurezza"** e fare click su **'OK'**.



D Una volta stabilita la connessione, è possibile salvare la rete come predefinita e consentire che si avvii automaticamente all'accensione del computer. Cliccare su **'Chiudi'** per uscire dalla guida alla connessione.



E Per verificare lo stato della connessione senza fili, è possibile cliccare sull'icona **'Rete'** sulla barra delle applicazioni. Sarà possibile vedere a quale rete ci si sta connettendo, il tipo di accesso di cui si dispone, e la forza del segnale della connessione.



6.3 Connessione automatica con WPS

Il C150BRS4 di Conceptronic supporta il sistema WPS (installazione protetta Wi-Fi). Il sistema WPS è uno strandard per l'installazione facile e sicura di reti senza fili. Con il sistema WPS è possibile installare e proteggere facilmente la rete senza fili.

Nota: Per utilizzare il sistema WPS con il C150BRS4, è necessario disporre di un client senza fili che supporti il WPS. Se si dispone di uno o più client senza fili sprovvisti di WPS, è consigliabile collegarsi manualmente al C150BRS4 utilizzando la chiave WPA preconfigurata indicata nella parte inferiore del router. Consultare la **sezione 6.1** o **6.2** per collegare manualmente la rete senza fili.

Nota: Per ulteriori informazioni (tecniche) sul WPS, visitare il sito Web: http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

Il C150BRS4 supporta due modalità di attivazione e installazione di una connessione WPS :

- **Tecnologia con Push Button**
- **Tecnologia con Codice PIN**

WPS – Tecnologia con Push Button

La tecnologia WPS Push Button richiede un tasto (virtuale) sul client senza fili per stabilire una connessione tra il C150BRS4 e il client senza fili.
Alcuni client senza fili utilizzano un tasto reale per attivare la tecnologia WPS Push Button; altri client senza fili utilizzano un tasto virtuale nel loro software.

Seguire le istruzioni sotto riportate per attivare e stabilire una connessione WPS con tecnologia Push Button :

A. Premendo il tasto WPS sulla parte inferiore del C150BRS4, si accenderà il LED WLAN/WPS in modalità fissa per indicare che l'autenticazione WPS è stata avviata.

B. Premere il tasto WPS sul client senza fili. Può trattarsi sia di un tasto fisico sia di un tasto virtuale nel software del client senza fili.

Nota: Il C150BRS4 manterrà l'autenticazione WPS attiva per 120 secondi. Durante questo processo, il LED WLAN/WPS si accenderà in modalità fissa. Se la connessione WPS non viene stabilita entro 120 secondi, il LED ritornerà al suo stato originale e l'autenticazione WPS si interromperà.

Se l'autenticazione WPS è avvenuta con successo, il LED WLAN/WPS ritornerà al suo stato originale.

Il client senza fili è ora connesso alla rete senza fili sicura del C150BRS4.
È possibile aggiungere altri client senza fili senza perdere la conessione precedentemente creata per altri client. Per aggiungere ulteriori client senza fili, ripetere le istruzioni della sezione **A** e **B**.

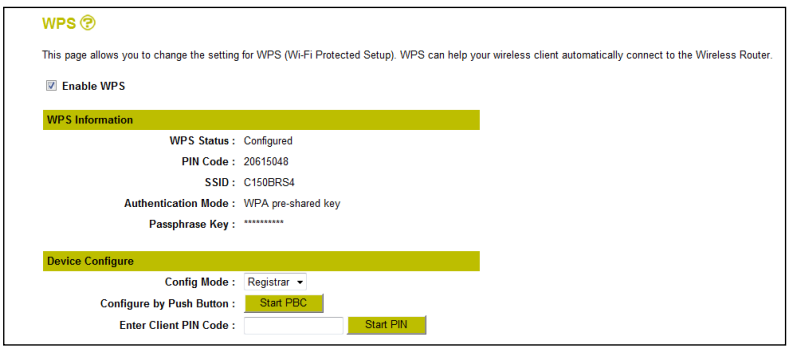
WPS - Tecnologia con Codice PIN

Se il client senza fili supporta il WPS ma non ha un tasto Push virtuale, è possibile utilizzare la tecnologia con codice PIN per stabilire una connessione WPS.

Nota: Per attivare la funzione del codice PIN WPS, è necessario disporre di un computer collegato tramite una connessione con fili al C150BRS4.

A. Collegarsi all'interfaccia Web come illustrato nella **sezione 5.1**.
B. Selezionare inizialmente '**Impostazioni generali**', poi '**Senza fili**' e infine '**WPS**'.

Verrà visualizzata la pagina di configurazione WPS.

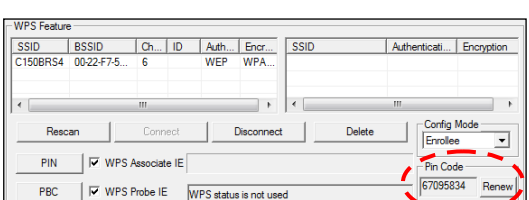


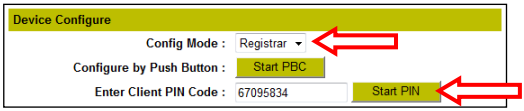
Dalla pagina di configurazione WPS, è possibile selezionare l'autenticazione virtuale 'Push Button' o 'Codice PIN'.
L'autenticazione mediante Codice Pin può essere effettuata in due modi diversi:

---

1. Il client senza fili fornisce il codice PIN da inserire nel router.
In tal caso, il client senza fili rappresenta l'"enrollee" e il router il "Registrar".

A. Avviare il client senza fili e ricercare il codice PIN fornito, come illustrato nell'esempio:



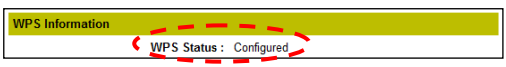


B. Accertarsi che l'opzione **"Config Mode"** nella pagina di configurazione WPS sia impostata su **'Registrar'**.
C. Inserire il Codice PIN fornito dal client senza fili nel campo **"Inserisci Codice PIN del client"**.
D. Fare click sul tasto **"Start PIN'**.

Il C150BRS4 manterrà attiva l'autenticazione WPS per le connessioni in entrata con il codice PIN fornito per 120 secondi.

E. Avviare la connessione mediante codice PIN sul client senza fili.

Il client senza fili si connetterà alla rete senza fili sicura del C150BRS4. Una volta stabilita la connessione, il C150BRS4 interromperà la verifica di autenticazione WPS e lo stato WPS nella pagina di configurazione WPS sarà impostato su **"Configurato"**.



Se si vogliono aggiungere altri client senza fili con caratteristiche WPS, ripetere le istruzioni dal punto **A** al punto **E**.

---

2. Il router fornisce il codice PIN da inserire nel client senza fili.
In tal caso, il router rappresenta l''Enrollee' e il client senza fili il 'Registrar'.

A. Impostare l'opzione **"Config Mode"** nella pagina di configurazione WPS su **'Enrollee'** e trascrivere il codice PIN menzionato nella casella **"Codice PIN"**.
B. Fare click sul tasto **'Start PIN'**.

Il C150BRS4 manterrà attiva l'autenticazione WPS per le connessioni in entrata con il codice PIN fornito per 120 secondi.

C. Inserire il Codice PIN fornito dal C150BRS4 nel software del client senza fili, impostare il software del client senza fili su **'Registrar'** e avviare la connessione con codice PIN.

Il client senza fili si connetterà alla rete senza fili sicura del C150BRS4. Una volta stabilita la connessione, il C150BRS4 interromperà la verifica di autenticazione WPS e lo stato WPS nella pagina di configurazione WPS sarà impostato su **"Configurato"**.

Se si vogliono aggiungere altri client senza fili con caratteristiche WPS, ripetere le istruzioni dal punto **A** al punto **C**.

7. Mappatura delle porte

Il C150BRS4 Conceptronic è dotato di un firewall integrato per prevenire attacchi da Internet verso la rete. Detto firewall blocca automaticamente tutto il traffico in entrata sulle porte non utilizzate. Quando si ha bisogno di una porta bloccata per un servizio o un'applicazione (per esempio, un FTP o un server Web) è possibile creare una regola del server virtuale nelle pagine di configurazione per inoltrare il traffico.

Il C150BRS4 consente altresì la mappatura delle porte UPnP, permettendo ad applicazioni UPnP locali di aggiungere automaticamente mappature di porte alla configurazione del router. Se si sta utilizzando un'applicazione UPnP non è dunque necessario creare una regola del server virtuale nel C150BRS4 per tale applicazione.

Se l'UPnP non è disponibile o è necessario aggiungere per altri motivi una regola del server virtuale, si consiglia di configurare il/i computer(s) e/o il/i dispositivo/i di rete con un indirizzo IP fisso al posto di un indirizzo IP dinamico.

Di seguito è riportata una lista delle porte più comuni utilizzate e delle relative applicazioni:

Porta	Applicazione	Porta	Applicazione
20	dati FTP (server FTP)	**80**	HTTP (Web server)
21	dati FTP (server FTP)	**110**	POP3 (Server e-mail – in entrata)
22	SSH (shell sicura)	**2000**	Remotely Anywhere
23	Telnet	**5800**	VNC
25	SMTP (Server e-mail – in uscita)	**5900**	VNC

Per informazioni su ulteriori porte e relative applicazioni, consultare il sito http://portforward.com/cports.htm.

Nota: Fer informazioni più dettagliate sul server virtuale e le opzioni DMZ, consultare il manuale d'uso (solo in inglese) nel CD-ROM del prodotto. Selezionare **'Visualizza il manuale de'uso'** dal menu di avvio automatico.

A. Collegarsi all'interfaccia Web come illustrato nella **sezione 5.1**.

B. Selezionare **'Impostazioni generali'**, **'NAT'** e **'Server virtuale'** per aprire la pagina di configurazione del server virtuale.

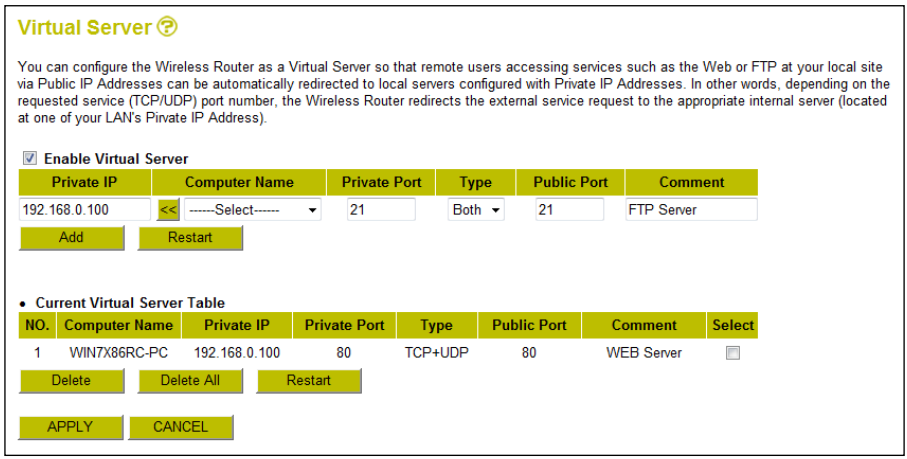
C. Attivare il server virtuale spuntando la casella relativa all'opzione **'Attiva server virtuale'**.

D. Inserire le informazioni richieste per la regola del server virtuale nei seguenti campi:
- **IP privato** : Inserire l'indirizzo IP locale del computer/dispositivo.
- **Porta privata** : Inserire la porta locale desiderata per il computer/dispositivo.
- **Tipo** : Selezionare il tipo di traffico di rete che dovrà essere trasmesso.
- **Porta pubblica** : Inserire la porta che dovrà essere visibile esternamente alla connessione Internet.
- **Commento** : è possibile aggiungere un nome per riconoscere facilmente la regola del server virtuale.

Nota: Allorché il computer/dispositivo è connesso al router, è possibile selezionarne il nome dal menu a tendina **'Nome del computer'** e premere il tasto **'<<'** per aggiungere automaticamente l'indirizzo IP.

E. Cliccare sul tasto **'Aggiungi'** per inserire la regola del server virtuale nella tabella dei server virtuali.

Nota: Nell'immagine che segue è contenuto un esempio di configurazione del server vituale.



Nota: Se non è noto il protocollo (**'Tipo'**) che è necessario selezionare per impostare la regola del server virtuale, selezionare **'Entrambi'**. Questa opzione consentirà di trasmettere il traffico TCP e UDP all'indirizzo IP configurato.

F. Una volta terminata l'aggiunta di regole del server virtuale, fare click sul tasto **'APPLICA'** per salvare le impostazioni. Nella pagina seguente, cliccare di nuovo su **'APPLICA'** per riavviare il router.

Dopo aver riavviato il router, tutte le impostazioni sono attive e le regole del server virtuale risultano essere applicate.

Le regole del server virtuale definite sono pronte per essere utilizzate

Nota: Per maggiori informazioni sulle caratteristiche e le impostazioni disponibili per il C150BRS4, consultare il manuale d'uso (solo in inglese) nel CD-ROM allegato al prodotto. Selezionare **'Visualizza il manuale d'uso'** dal menu di avvio automatico.

Conceptronic C150BRS4 versão 2.0

Manual de Instalação Rápida

Parabéns pela compra do seu router sem fios 150N da Conceptronic

Este Manual de Instalação Rápida fornece-lhe uma explicação passo a passo sobre como instalar e utilizar o **Conceptronic** C150BRS4.

Se precisar de mais informação ou suporte para o seu produto, aconselhamo-lo a visitar a nossa página Web **Service & Support** em **www.conceptronic.net/support** e a seleccionar uma das seguintes opções:

- **FAQ** : Base de dados das Perguntas Mais Frequentes
- **Downloads** : Manuais, controladores, firmware e mais transferências
- **Contact** : Contacte o suporte da Conceptronic

Para informações gerais sobre os produtos da Conceptronic visite a página Web da Conceptronic em **www.conceptronic.net**.

A informação contida neste manual baseia-se no Windows 7 e no Windows Vista, mas pode ser diferente do seu computador se estiver a usar um sistema operativo diferente.

Nota: Este manual de instalação rápida só explica ao passos básicos para pôr o C150BRS4 a funcionar. Para mais informações sobre as várias funções do C150BRS4, consulte o Manual do Utilizador (só em inglês) no CD-ROM do produto incluído. Espere que o menu de execução automática apareça e seleccione '**View User Manual**' (Ver Manual do Utilizador).

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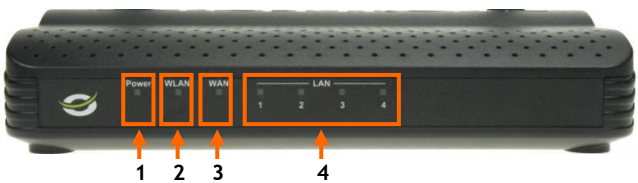
1. Conteúdo da embalagem

Existem os seguintes elementos na embalagem do router sem fios 150N da Conceptronic:

- Router em Fios 150N da Conceptronic - C150BRS4
- Fonte de alimentação 12 V CC, 1 A
- Cabo de rede (LAN)
- CD-ROM do produto
- Este manual de instalação rápida multilingue
- Garantia e Declaração de conformidade CE

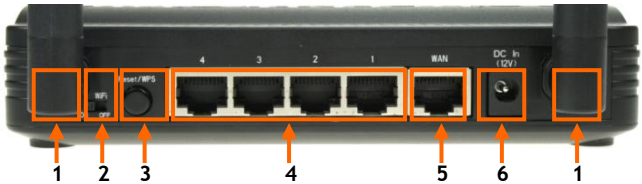
2. O C150BRS4

2.1 Painel frontal



Nº	Descrição	Estado	Explicação do estado
1	Luz de alimentação	**DESLIGADA** **LIGADA**	O aparelho está desligado O aparelho está ligado
2	Luz WLAN/WPS	**DESLIGADA** **LIGADA - CONTÍNUA** **LIGADA - A PISCAR**	A rede sem fios está desligada A função WPS sem fios está activada Actividade de rede sem fios (a enviar ou a receber dados)
3	Luz WAN	**DESLIGADA** **LIGADA - CONTÍNUA** **LIGADA - A PISCAR**	A Porta WAN não está ligada A Porta WAN está ligada Actividade de porta WAN (a enviar ou a receber dados)
4	Luzes LAN (1, 2, 3, 4)	**DESLIGADAS** **LIGADAS - CONTÍNUAS** **LIGADAS - A PISCAR**	A Porta LAN não está ligada A Porta LAN está ligada Actividade de porta LAN (a enviar ou a receber dados)

2.2 Painel traseiro



Nº	Descrição	Explicação
1	Antenas sem fios (2x)	Duas antenas fixas para transmissão sem fios
2	Interruptor de ligar/ desligar rádio	Liga e desliga o rádio sem fios
3	Botão Reset / WPS	Activa a função WPS (pressão breve) ou faz uma reinicialização (pressão longa)
4	Portas LAN (1 a 4)	Para ligar os/s seu/s dispositivo/s de rede ao router
5	Porta WAN	Para ligar a sua ligação de banda larga ao router
6	Ficha de alimentação	Para ligar a fonte de alimentação ao router

3. Ligação dos cabos

Ligue a fonte de alimentação à ficha de alimentação na parte de trás do C150BRS4 e a uma tomada de parede disponível. A luz de alimentação na parte da frente do C150BRS4 acende.

3.1 Porta WAN

Use um cabo de rede (LAN) para ligar o C150BRS4 ao seu modem de banda larga.
A luz WAN na parte da frente do C150BRS4 acende.

Nota: Se a luz WAN na parte da frente não acender, assegure-se de que:
- O C150BRS4 está ligado (a luz de alimentação deve estar acesa).
- O modem de banda larga está ligado.
- O cabo de rede (LAN) entre os dois aparelhos está correctamente ligado.

3.2 Porta(s) LAN

Ligue o cabo de rede (LAN) a uma das quatro portas LAN no painel traseiro do C150BRS4 e à placa de rede do seu computador.
A luz LAN da porta LAN utilizada acende, indicando que o computador está ligado. (O seu computador deve estar ligado e a ligação LAN deve estar activada.)

4. Configurar o computador

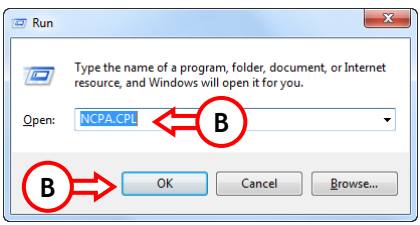
4.1 Configurar o endereço IP

O C150BRS4 está equipado com um servidor DHCP incorporado. O servidor DHCP atribui automaticamente um endereço IP a cada computador ligado se esse computador estiver configurado para obter um endereço IP automaticamente.

A maioria dos computadores está predefinida para obter um endereço IP automaticamente. Se não for esse o caso, tem de configurar o seu computador para obter um endereço IP automaticamente seguindo as instruções seguintes.

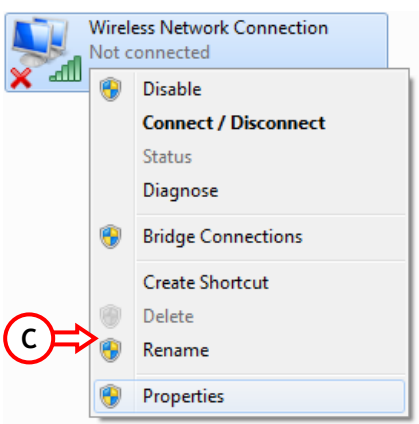
A. Clique em **'Start'** (Iniciar), vá a **'All Programs'** (Todos os programas), **'Accessories'** (Acessórios) e seleccione **'Run'** (Executar).

B. Introduza o comando **'NCPA.CPL'** e clique em **'OK'**.



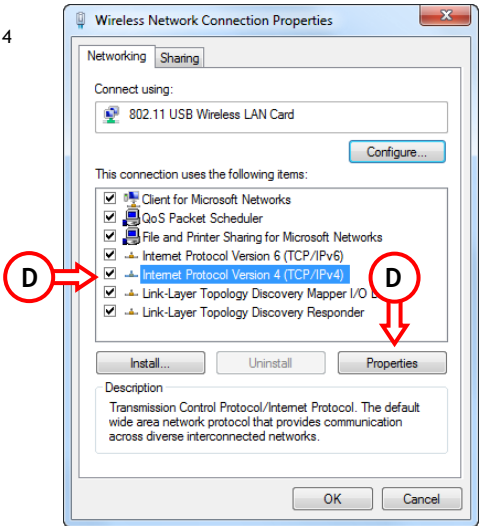
A janela **"Network Connections"** (Ligações de Rede) aparece.

C. Clique com o botão direito do rato em **'Local Area Connection'** (Ligação de área local) ou **'Wireless Network Connection'** (Ligação de rede sem fios) - dependendo da ligação que usar - e seleccione **'Properties'** (Propriedades).



A janela das propriedades da sua Ligação de Área Local ou da Ligação de Rede em Fios aparece.

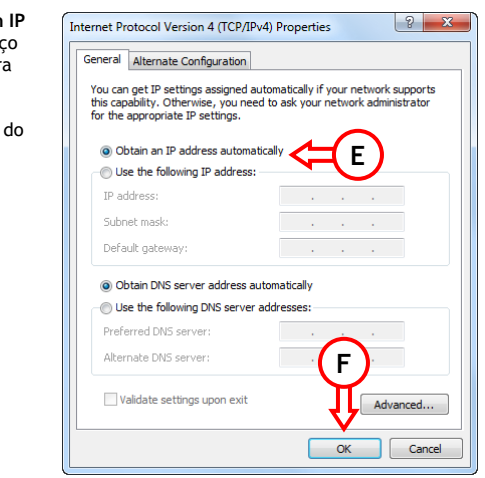
D. Seleccione **'Internet Protocol Version 4 (TCP/IPv4)'** (Protocolo de Internet versão 4 (TCP/IPv4)) e clique em **'Properties'** (Propriedades).



A janela de propriedades do Protocolo de Internet Versão 4 (TCP/IPv4) aparece.

E. Configure as propriedades para **'Obtain an IP address automatically'** (Obter um endereço IP automaticamente) e clique em **'OK'** para guardar as configurações.

F. Clique em **'OK'** na janela de propriedades do Protocolo de Internet Versão 4 (TCP/IPv4) para guardar as configurações.



4.2 Verificar a ligação

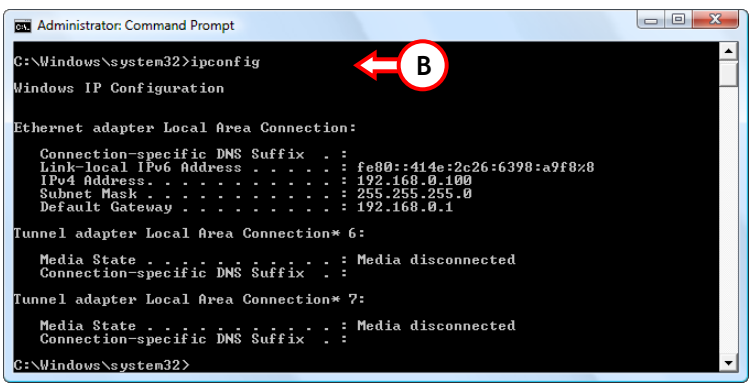
Com a **'Command Prompt'** (Linha de Comandos) do Windows pode verificar se recebeu um endereço IP correcto na sua Ligação de Área Local ou Ligação de Rede Sem Fios. Este exemplo baseia-se no Windows 7 e no Windows Vista com o Service Pack 1. No Windows 7 e no Windows Vista necessita de direitos de administrador para levar a cabo os passos que se explicam a seguir.

A. Clique em **'Start'** (Iniciar), **'All Programs'** (Todos os programas), **'Accessories'** (Acessórios), clique com o botão direito do rato em **'Command Prompt'** (Linha de comandos) e seleccione **'Run as administrator'** (Correr como administrador).

É possível que apareça uma mensagem de aviso, que deve aceitar clicando em **'Continue'** (Continuar) ou em **'Yes'** (Sim).

A janela da Linha de Comandos aparece. Certifique-se de que no título da **'Command Prompt'** (Linha de comandos) está escrito **"Administrator: Command Prompt"**. Quando não aparecer a palavra **"Administrator"** (Administrador), significa que você não tem os direitos de administrador necessários para realizar estes passos e deve voltar a realizar o **passo A**.

B. Introduza o comando **'IPCONFIG'** e prima **'ENTER'** no seu teclado.



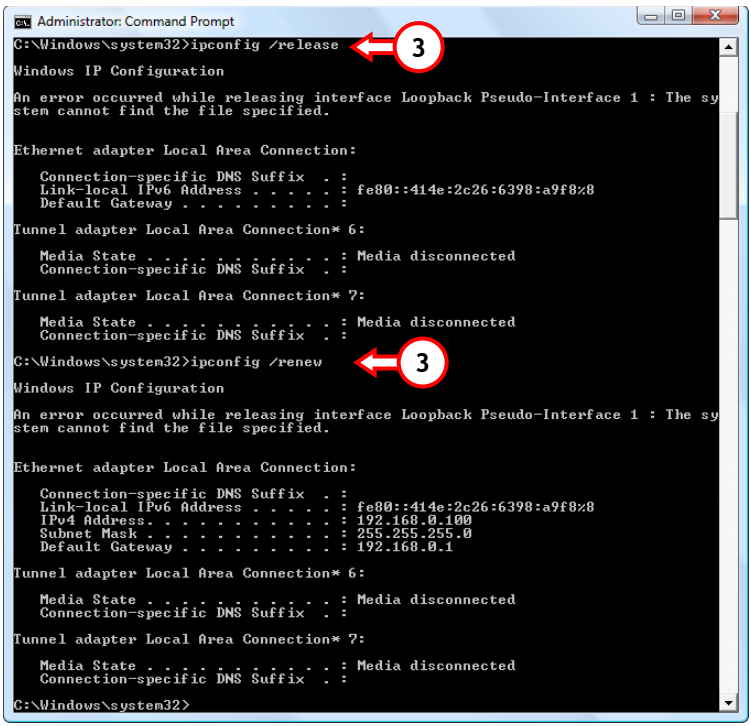
Deverá ver a seguinte informação:

Endereço IPv4	**: 192.168.0.xxx** (em que **xxx** pode variar entre **100 ~ 199).**
Máscara Subnet	**: 255.255.255.0**
Porta de ligação predefinida	**: 192.168.0.1**

Se a informação mostrada antes coincidir com a sua configuração, pode prosseguir com a configuração do router no **capítulo 5**.

Se a informação apresentada não coincidir com a sua configuração (i.e., o seu endereço IP for o 169.254.xxx.xxx), tem de seguir os passos seguintes:

1. Desligue e volte a ligar a alimentação do router.
2. Desligue e volte a ligar o cabo de rede ligado ao router e ao seu computador.
3. Renove o endereço IP do seu computador com os seguintes comandos:
   - '**IPCONFIG /RELEASE**' : isto vai libertar o endereço IP incorrecto
   - '**IPCONFIG /RENEW**' : isto vai renovar o endereço IP



Se os passos anteriores não resolverem o problema do endereço IP, pode repor as configurações predefinidas de fábrica no aparelho com o botão Reset na parte de trás do aparelho.
Prima e segure o botão Reset até a luz de alimentação começar a piscar (cerca de 10 segundos). Isto vai reiniciar o router e repor as configurações predefinidas de fábrica no aparelho. Quando a luz de alimentação estiver novamente fixa, repita o **passo B** para renovar o seu endereço IP.

Nota: Se o problema persistir, verifique se todos os cabos estão correctamente ligados. A porta WAN deveria estar ligada ao modem e a porta LAN ao computador. Se as ligar de forma errada também não vai conseguir obter um endereço IP correcto.

5. Configurar o C150BRS4

Este capítulo descreve a configuração do C150BRS4 através do assistente de configuração incorporado. Depois de levar a cabo os passos descritos neste capítulo, o seu router está configurado para as suas funções principais.

5.1 Início de sessão

Usa-se uma interface com base na web para configurar o C150BRS4. Isto significa que pode configurar o C150BRS4 em qualquer computador que tenha um navegador e que esteja ligado ao C150BRS4.

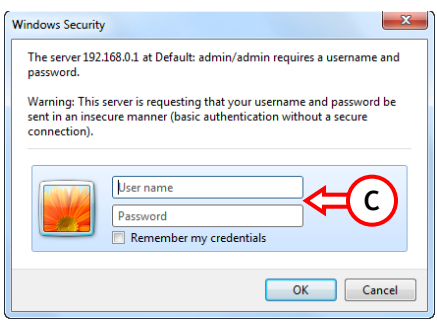
Nota: Recomenda-se vivamente não usar uma ligação sem fios para configurar o C150BRS4, dado que a ligação deste último se poderia perder ao ajustar determinadas configurações. Assim, recomenda-se usar um computador que esteja ligado ao C150BRS4 através de um cabo de rede.

Para iniciar a sessão do C150BRS4, siga estes passos:

A. Abra o seu navegador (como por exemplo: Internet Explorer, Firefox, Safari ou Chrome).

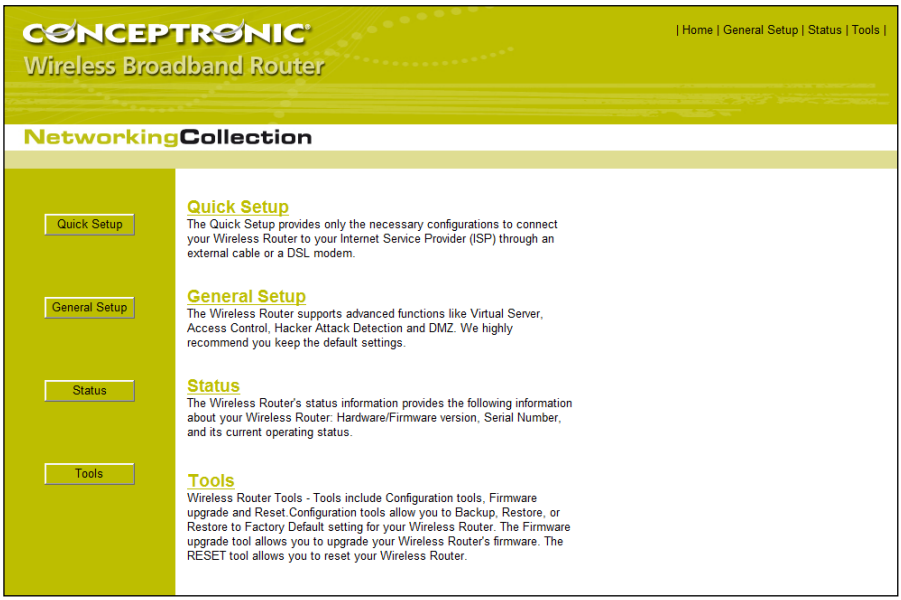
B. Introduza o endereço IP do router na barra de endereços do seu navegador.
Por defeito : **http://192.168.0.1/**

Aparece uma janela de contexto a pedir o nome de utilizador e a palavra-passe.



C. Introduza o nome de utilizador e a palavra-passe e clique em '**OK**' para entrar na configuração com base na web.
Nome de utilizador predefinido : **admin**
Palavra-passe predefinida : **admin**

Depois de introduzir o nome de utilizador e a palavra-passe correctos, o router mostra a página inicial:



Na página inicial pode facilmente escolher uma das quatro opções principais da configuração web do C150BRS4:

- **Quick Setup** : Configuração rápida do C150BRS4 para primeira utilização (explicada no **capítulo 5.2**)
- **General Setup** : Alterar as opções avançadas (explicado no **capítulo 5.3**)
- **Status** : Verificar o estado do router, os clientes ligados e os ficheiros de registo
- **Tools** : Fazer cópia de segurança da configuração, actualizar o firmware ou reiniciar o router

Nota: Em qualquer momento é possível seleccionar uma das principais opções (excepto o Quick Setup) de entre as quatro apresentadas na parte superior direita da página. Também pode voltar à página inicial clicando em '**Home**' (Página inicial).

5.2 Assistente de configuração rápida

O assistente '**Quick Setup**' (Configuração rápida) vai guiá-lo passo a passo através das configurações básicas do C150BRS4.

Nota: Antes de iniciar o Assistente '**Quick Setup**' (Configuração rápida), assegure-se de que tem todas as informações sobre a sua ligação à Internet à disposição.
Por exemplo: tipo de ligação, informação de conta, etc.

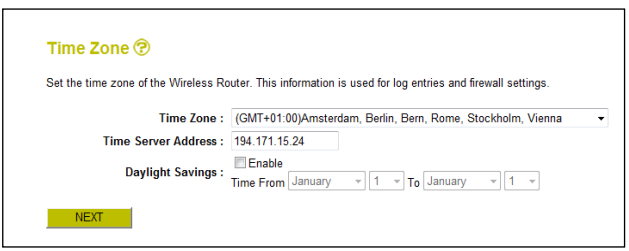
Nota: Ao longo deste capítulo aplica-se o seguinte: Se não souber que opção escolher, ou não tiver a informação necessária à disposição, deve consultar a documentação da sua ligação à Internet ou contactar o seu fornecedor de serviços de Internet (doravante referido como ISP).

A. Clique em '**Quick Setup**' (Configuração rápida) na página inicial.

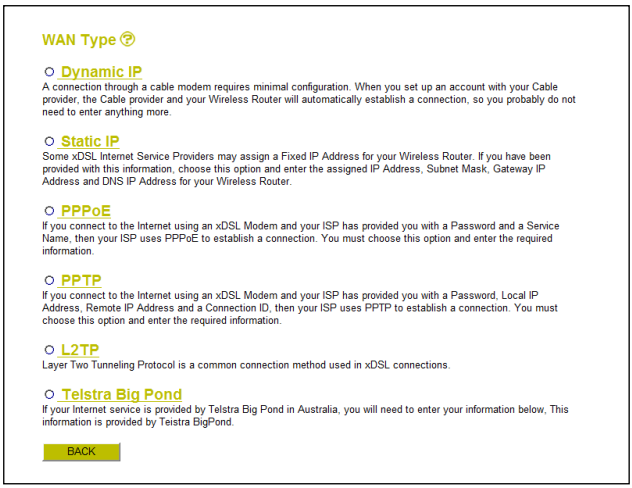
B. Por motivos de gestão do sistema, é muito importante uma correcta definição da hora nos registos do sistema.

Seleccione o fuso horário correcto e opcionalmente altere o endereço do servidor horário e/ou active a hora de Verão.

Quando terminar, clique no botão '**Next**' (Seguinte) para prosseguir.



C. Seleccione o Tipo de WAN que corresponde às configurações do seu ISP.

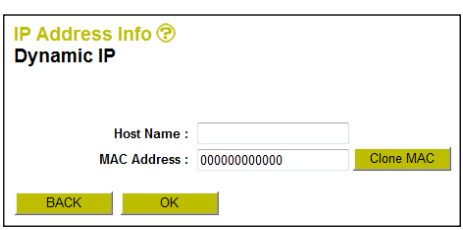


1. IP dinâmico

Alguns ISPs precisam de um nome de sistema anfitrião específico para as suas ligações. Se isto se aplicar à sua ligação, deve introduzir aqui o nome do sistema anfitrião.

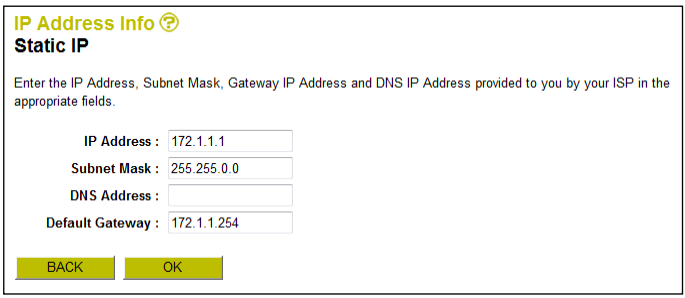
Alguns ISPs só permitem um endereço MAC específico para estabelecer a ligação à Internet. Nesse caso, pode clonar o endereço MAC do computador que costumava ligar à Internet clicando no botão '**Clone MAC**' (Clonar MAC) ou introduzir o endereço MAC de forma manual.

Quando terminar, clique no botão '**OK**' para prosseguir.



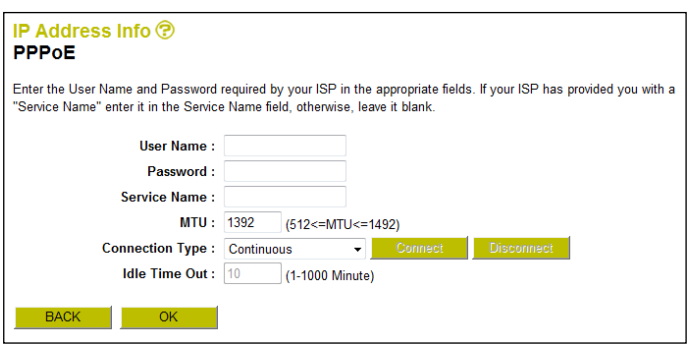
2. **IP estático**
Introduza as configurações de IP Estático nos campos correspondentes tal como lhe foram fornecidas pelo seu ISP.

Quando terminar, clique no botão '**OK**' para prosseguir.



3. **PPPoE**
Introduza as configurações de PPPoE nos campos correspondentes tal como lhe foram fornecidas pelo seu ISP.

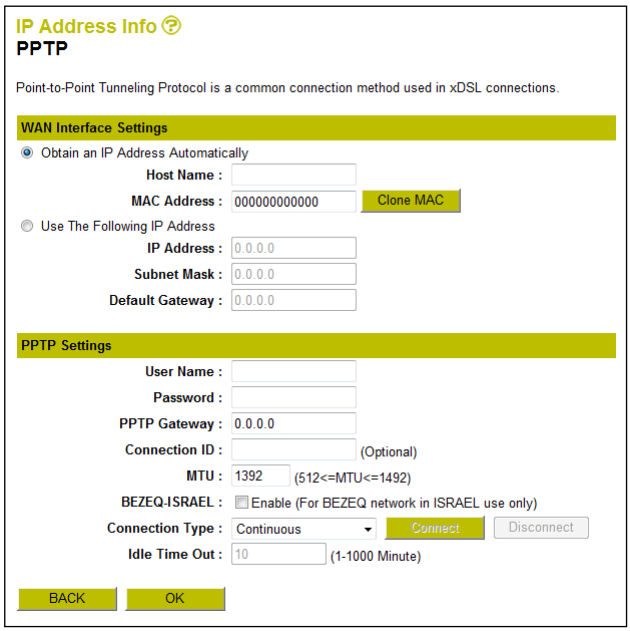
Quando terminar, clique no botão '**OK**' para prosseguir.



4. PPTP

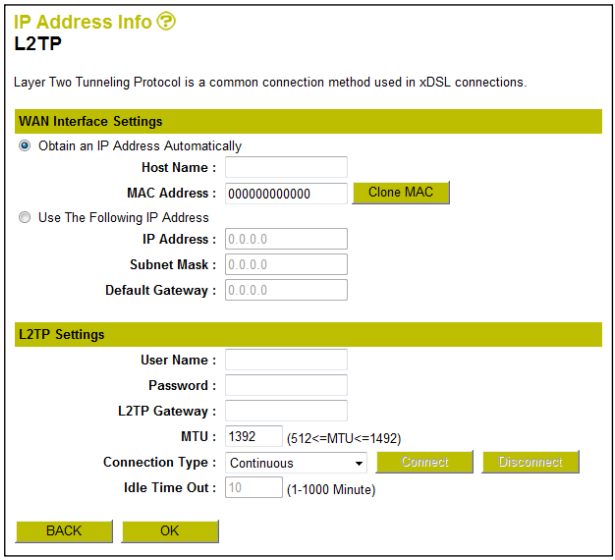
Introduza as configurações de PPTP nos campos correspondentes tal como lhe foram fornecidas pelo seu ISP.

Quando terminar, clique no botão '**OK**' para prosseguir.



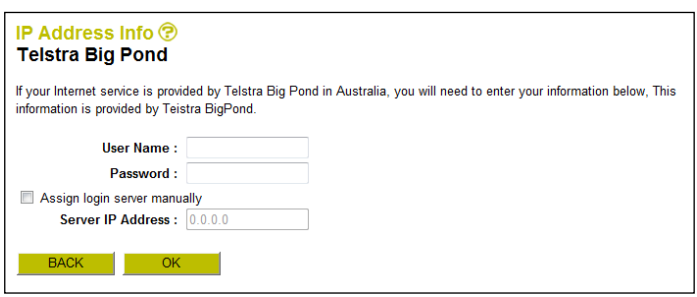
5. **L2TP**
Introduza as configurações de L2TP nos campos correspondentes tal como lhe foram fornecidas pelo seu ISP.

Quando terminar, clique no botão '**OK**' para prosseguir.



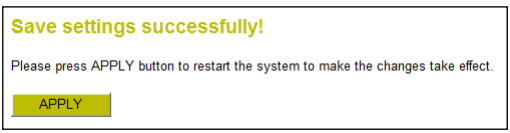
6. **Telstra Big Pond**
Introduza o nome de utilizador e a palavra-passe e, quando necessário, atribua manualmente um endereço IP de servidor.

Quando terminar, clique no botão '**OK**' para prosseguir.



D. Estas configurações serão guardadas automaticamente.
Clique no botão **'Apply'** (Aplicar) para reiniciar o router.

Nota: Quando alterar as definições da configuração do C150BRS4, vai-lhe ser sempre pedido para escolher entre duas opções:
- **Continue** : Continuar a fazer alterações (as alterações ainda não foram gravadas).
- **Apply** : Aplicar todas as alterações gravando-as na configuração e reiniciando o router.



Nota: Por defeito, a rede sem fios do C150BRS4 está protegida por encriptação WPA-PSK/WPA2-PSK (modo misto). Isto significa que não precisa de proteger manualmente a rede sem fios. Consulte o **capítulo 5.3** se quiser alterar manualmente as definições de segurança do C150BRS4.

5.3 Configurações avançadas

Este manual de instalação rápida explica ao passos básicos para pôr o C150BRS4 a funcionar. Para as configurações avançadas ou uma explicação mais detalhada, consulte o Manual do Utilizador (só em inglês) no CD-ROM do produto incluído.

Coloque o CD-ROM do produto numa unidade óptica, espere que o menu de execução automática apareça e seleccione **'View User Manual'** (Ver Manual do Utilizador).

Nota: Para poder ver o manual do utilizador tem de ter instalado o Adobe Reader. Se não tiver este programa instalado no seu computador, pode seleccionar a opção **'Install Adobe Reader'** (Instalar Adobe Reader) no menu de execução automática (apenas para Windows).

O seu Router Sem Fios 150N da Conceptronic
já está pronto a usar!

6. Ligação à rede sem fios

Existem duas formas diferentes de se ligar sem fios ao C150BRS4:
- Manualmente.
- Automaticamente através da função WPS.

NOTA IMPORTANTE!

Por defeito, o C150BRS4 está protegido com encriptação WPA-PSK/WPA2-PSK (modo misto). Pode encontrar a frase chave WPA única no autocolante do produto que se encontra na parte inferior do seu C150BRS4.

Quase todas as marcas / tipos de placas sem fios usam uma aplicação de cliente diferente. Consulte o manual da sua placa de rede sem fios para obter informações sobre como criar uma ligação com uma rede sem fios.

6.1 Ligar manualmente no Windows 7

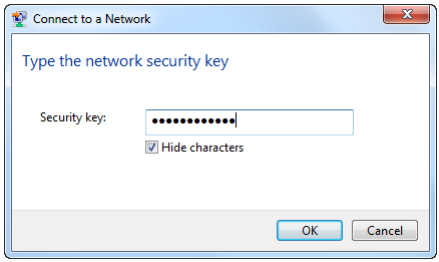
No exemplo seguinte, usa-se a opção integrada **"Connect to a Network"** (Ligar a uma rede) do Windows 7.

A Clique no ícone **'Network'** (Rede) na barra de tarefas para ver a lista de ligações de rede sem fios disponíveis.

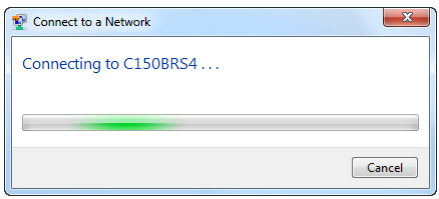
B Seleccione a rede **"C150BRS4"** na lista e clique em **'Connect'** (Ligar).

Por defeito, a opção **"Connect automatically"** (Ligar automaticamente) já está seleccionada. Isto assegura que a ligação é estabelecida automaticamente sempre que ligar o seu computador. Se não quiser que isso aconteça, pode desseleccionar esta opção antes de clicar em **'Connect'** (Ligar).

C Introduza a frase-chave WPA predefinida (que pode encontrar na base do C150BRS4) no campo **"Security key"** (Chave de segurança) e clique em **"Ok"**.



D O cliente vai agora iniciar a ligação à rede sem fios.

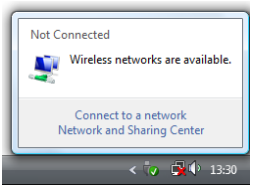


E Para verificar o estado da ligação sem fios, pode clicar no ícone **'Network'** (Rede) na bandeja de sistema. Aí vai ver a que rede está ligado nesse momento, o acesso que tem e a força do sinal da ligação.

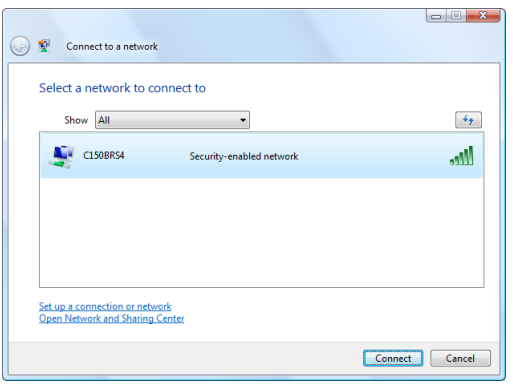
6.2 Ligar manualmente no Windows Vista

No exemplo seguinte, usa-se a opção integrada **"Connect to a Network"** (Ligar a uma rede) do Windows Vista com o Service Pack 1.

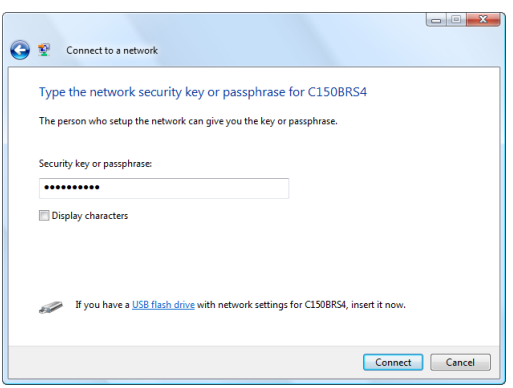
A Clique no ícone **'Network'** (Rede) na bandeja de sistema e clique em **"Wireless networks are available"** (Estão disponíveis redes sem fios).



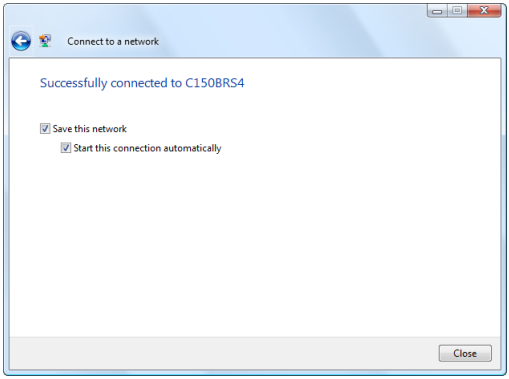
B Seleccione a rede **"C150BRS4"** na lista e clique em **'Connect'** (Ligar).



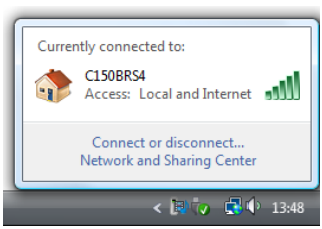
C Introduza a frase-chave WPA predefinida (que pode encontrar na base do C150BRS4) no campo **"Security key or passphrase"** (Chave de segurança ou frase-chave) e clique em **"Connect"** (Ligar).



D Depois de a ligação ser estabelecida, pode escolher guardar a rede e iniciá-la automaticamente sempre que ligar o computador. Clique em '**Close**' (Fechar) para sair do assistente de ligação.



E Para verificar o estado da ligação sem fios, pode clicar no ícone '**Network**' (Rede) na bandeja de sistema. Aí vai ver a que rede está ligado nesse momento, o acesso que tem e a força do sinal da ligação.



6.3 Ligar automaticamente com WPS

O C150BRS4 da Conceptronic suporta a especificação WPS (Wi-Fi Protected Setup). O WPS é um standard para montar uma rede sem fios de forma fácil e segura. Com o WPS pode configurar e proteger a sua rede sem fios em apenas alguns passos.

Nota: Para usar o WPS com o C150BRS4 tem de ter um cliente sem fios que suporte WPS. Se tiver um ou mais clientes sem fios que não suportem WPS, é aconselhável ligar manualmente o C150BRS4 usando a chave WPA pré-configurada tal como se vê na base. Consulte os **capítulos 6.1** ou **6.2** sobre como ligar à rede sem fios de forma manual.

Nota: Para mais informação (técnica) acerca do WPS, visite a seguinte página web: http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

O C150BRS4 suporta duas formas de activar e estabelecer uma ligação WPS:
- **Tecnologia por Botão**
- **Tecnologia por Código PIN**

WPS - Tecnologia por Botão

A tecnologia WPS por Botão requer um botão (virtual) no seu cliente sem fios para estabelecer uma ligação entre o C150BRS4 e o cliente sem fios.
Alguns clientes sem fios usam um botão real para activar a tecnologia WPS por Botão, outros clientes sem fios usam um botão virtual no respectivo software.

Siga os passos seguintes para activar e estabelecer uma ligação WPS com a tecnologia por Botão:

A. Prima o botão WPS na parte detrás do C150BRS4, e a luz WLAN/WPS acende indicando que a autenticação WPS começou.

B. Carregue no botão WPS no cliente sem fios. Este botão pode ser real no hardware ou pode ser um botão virtual no software do cliente sem fios.

Nota: O C150BRS4 vai manter a autenticação WPS activa durante 120 segundos. Durante este processo, a luz WLAN/WPS fica acesa. Se não se estabelecer uma ligação WPS dentro de 120 segundos, a luz volta ao seu estado original e a autenticação WPS é interrompida.

Se a autenticação WPS for bem sucedida, a luz WLAN/WPS regressa ao seu estado original.

O cliente sem fios está agora ligado à rede sem fios protegida do C150BRS4.
Pode adicionar mais clientes sem fios sem perder a ligação aos clientes sem fios ligados anteriormente. Se quiser adicionar mais clientes sem fios, tem de repetir os passos **A** e **B**.

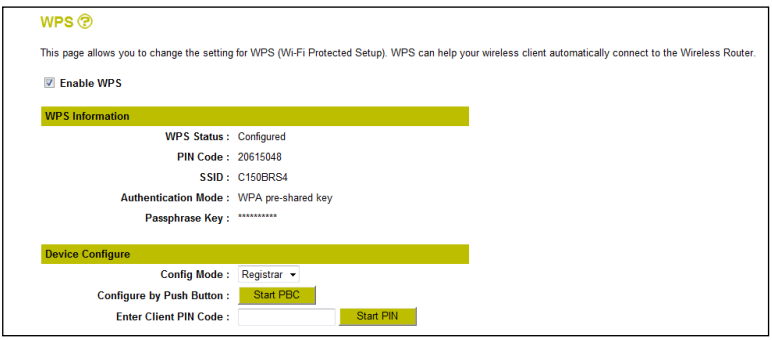
WPS – Tecnologia por Código PIN

Se o seu cliente sem fios suportar WPS mas não tiver um Botão (virtual), pode usar a tecnologia por Código PIN para estabelecer uma ligação WPS.

Nota: Para activar a função WPS por Código PIN, precisa de um computador com uma ligação por cabo ao C150BRS4.

A. Entre na interface web tal como se explica no **capítulo 5.1**.
B. Primeiro seleccione '**General Setup**' (Configuração geral), depois '**Wireless**' (Sem fios) e por fim '**WPS**'.

A página de configuração WPS é apresentada.

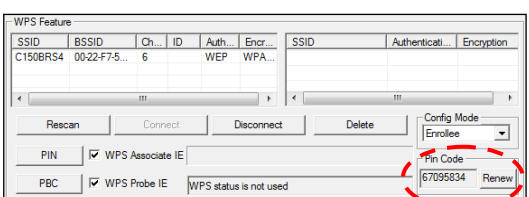


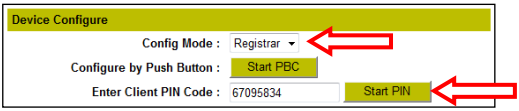
Na página de configuração WPS, pode activar o 'Push Button' (Botão) virtual ou a autenticação por 'PIN Code' (Código PIN).
A autenticação por 'PIN Code' (Código PIN) pode ser iniciada de 2 formas diferentes:

---

1. O cliente sem fios fornece o código PIN, que será introduzido no router.
Nesta situação, o cliente sem fios será o 'Enrollee' (Registado) e o router será o 'Registrar' (Registador).

A. Inicie o cliente sem fios e procure o código PIN fornecido, tal como se mostra no exemplo:



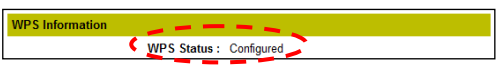


B. Certifique-se se o **"Config Mode"** (Modo de configuração) na página de configuração do WPS está definido como **'Registrar'** (Registador).
C. Introduza o Código PIN fornecido pelo seu cliente sem fios no campo **"Enter Client PIN Code"** (Introduzir código PIN do cliente).
D. Clique no botão **'Start PIN'** (Iniciar PIN).

O C150BRS4 vai manter a autenticação WPS para ligações de entrada com o código PIN fornecido activo durante 120 segundos.

E. Inicie a ligação por código PIN no seu cliente sem fios.

O seu cliente sem fios vai agora ligar à rede sem fios protegida do C150BRS4. Quando a ligação tiver sido estabelecida, o C150BRS4 vai parar a verificação da autenticação WPS e o Estado WPS na página de configuração WPS vai passar a estar **"Configured"** (Configurado).



Se quiser adicionar mais clientes sem fios com a função WPS, repita os passos **A** a **E**.

---

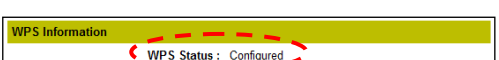
2. O router irá fornecer o código PIN, que será introduzido no cliente sem fios.
Nesta situação, o router será o 'Enrollee' (Registado) e o cliente sem fios será o 'Registrar' (Registador).

A. Defina a opção **"Config Mode"** (Modo de configuração) na página de configuração WPS como **'Enrollee'** (Registado) e escreva o código PIN referido na secção **"PIN Code"** (Código PIN).
B. Clique no botão **'Start PIN'** (Iniciar PIN).

O C150BRS4 vai manter a autenticação WPS para ligações de entrada com o código PIN gerado activo durante 120 segundos.

C. Introduza o código PIN fornecido pelo C150BRS4 no software do seu cliente sem fios, defina o software do cliente sem fios como **'Registrar'** (Registador) e inicie a ligação por código PIN.

O seu cliente sem fios vai agora ligar à rede sem fios protegida do C150BRS4. Quando a ligação tiver sido estabelecida, o C150BRS4 vai parar a verificação da autenticação WPS e o Estado WPS na página de configuração WPS vai passar a estar **"Configured"** (Configurado).



Se quiser adicionar mais clientes sem fios com a função WPS, repita os passos **A** a **C**.

7. Port mapping

O C150BRS4 da Conceptronic está equipado com um firewall incorporado para prevenir ataques da Internet à sua rede. Este firewall bloqueia automaticamente todo o tráfego de entrada nas portas não usadas. Quando uma porta bloqueada é necessária para um serviço ou aplicação (por exemplo: um servidor FTP ou um servidor WEB), pode criar uma Regra para o Servidor Virtual nas páginas de configuração para reencaminhar o tráfego.

O C150BRS4 também suporta UPnP port mapping, permitindo que aplicações UPnP locais adicionem automaticamente port mappings à configuração do router. Isto significa que se estiver a usar uma aplicação com UPnP, não precisa de criar manualmente uma regra de Servidor Virtual no C150BRS4 para essa aplicação.

No caso em que o UPnP não esteja disponível ou que seja necessário adicionar uma regra de Servidor Virtual por qualquer motivo, é aconselhável configurar o/s computador/es e/ou o/s dispositivo/s de rede com um endereço IP fixo em vez de um endereço de IP dinâmico.

Abaixo encontra uma lista de algumas portas utilizadas regularmente e as aplicações que lhes correspondem.

Porta	Aplicação	Porta	Aplicação
20	FTP data (Servidor FTP)	**80**	HTTP (Servidor Web)
21	FTP data (Servidor FTP)	**110**	POP3 (Servidor de correio – Entrada)
22	SSH (Secure shell)	**2000**	Remotely Anywhere
23	Telnet	**5800**	VNC
25	SMTP (Servidor de correio – Saída)	**5900**	VNC

Para mais portas e as suas correspondes aplicações, consulte http://portforward.com/cports.htm.

Nota: Para informação detalhada acerca do servidor virtual e as opções DMZ, consulte o Manual do Utilizador (só em inglês) no CD-ROM do produto. Seleccione **"View User Manual"** (Ver manual do utilizador) no menu de execução automática.

A. Entre na interface web tal como se explica no **capítulo 5.1**.

B. Seleccione '**General Setup**' (Configuração geral), '**NAT**' e '**Virtual Server**' (Servidor virtual) para abrir a página de configuração do servidor virtual.

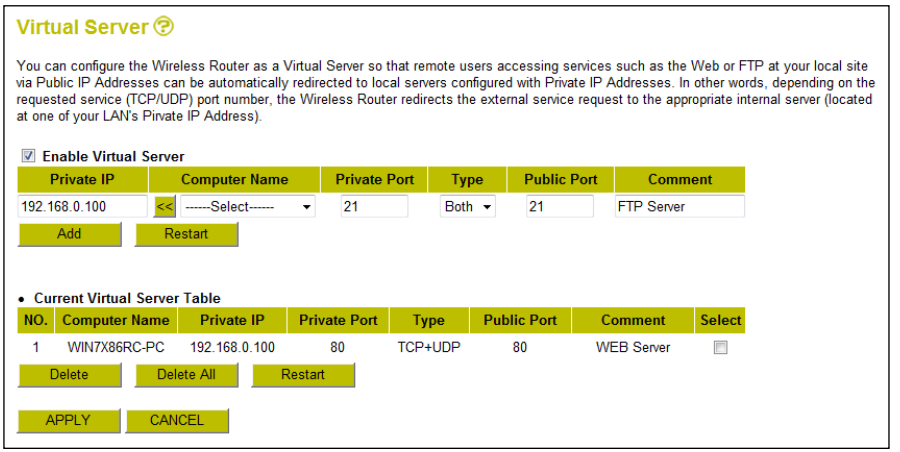
C. Active o servidor virtual seleccionando a caixa de verificação à frente de '**Enable Virtual Server**' (Activar servidor virtual).

D. Introduza a informação necessária para a regra de servidor virtual nos seguintes campos:
- **Private IP** : Introduza o endereço de IP local do computador / dispositivo.
- **Private Port** : Introduza a porta local desejada para o computador / dispositivo.
- **Type** : Seleccione o tipo de tráfego de rede que deve passar.
- **Public Port** : Introduza a porta que deve estar visível fora da sua ligação à Internet.
- **Comment** : Opcionalmente pode adicionar um nome para reconhecer facilmente a regra de servidor virtual.

Nota: Quando o computador / dispositivo estiver ligado ao router, também seleccionar o respectivo nome na lista desdobrável em '**Computer Name**' (Nome do computador) e premir o botão '**<<**' para adicionar automaticamente o endereço IP.

E. Clique no botão **'Add'** (Adicionar) para adicionar uma regra de servidor virtual à tabela do servidor virtual.

Nota: Na figura seguinte pode ver um exemplo de configuração de um servidor virtual.



Nota: Se não souber qual o protocolo (**'Type'**) que tem de seleccionar para a regra de servidor virtual, seleccione **'Both'** (Ambos). Esta opção passa tanto o tráfego TCP como UDP para o endereço IP configurado.

F. Quando terminar de adicionar regras do servidor virtual, clique no botão **'APPLY'** (Aplicar) para guardar as configurações. Na página seguinte, clique novamente em **'APPLY'** (Aplicar) para reiniciar o router.

Depois do router ter reiniciado, todas as configurações são assumidas e as regras de servidor virtual serão aplicadas.

As regras de servidor virtual definidas estão prontas a usar

Nota: Para uma explicação mais detalhada sobre as características e configurações disponíveis no C150BRS4, consulte o Manual do Utilizador (só em inglês) no CD-ROM do produto incluído. Seleccione **"View User Manual"** (Ver manual do utilizador) no menu de execução automática.

Conceptronic C150BRS4 version 2.0

Gyorstelepítési útmutató

Köszönjük, hogy a Conceptronic 150N, vezeték nélküli útválasztóját választotta

Ez a gyorstelepítési útmutató lépésről lépésre elmagyarázza, miként kell a Conceptronic C150BRS4-esét telepítenie és használnia.

Ha a termékkel kapcsolatban további adatokra vagy támogatásra volna szüksége, azt tanácsoljuk, keresse fel a **Szolgáltatások és terméktámogatás (Service & Support)** c. oldalt a **www.conceptronic.net/support** honlapon, majd ott válassza ki az alábbi opciók valamelyikét:

- **FAQ** : A gyakran ismétlődő kérdések (GYIK) adatbázisa
- **Downloads** : Használati utasítások, illesztőprogramok, firmware és további letöltések
- **Contact** : Kapcsolatfelvétel a Conceptronic terméktámogatásával

A Conceptronic termékekkel kapcsolatos általános tájékozódás végett keresse fel a Conceptronic honlapját: **www.conceptronic.net**.

Az ebben a gyorstelepítési útmutatóban közöltek a Windows 7-en és a Vistán alapulnak, de mindez eltérhet az adott számítógép esetében, ha éppen más operációs rendszert használnak.

Megjegyzés: Ez a gyorstelepítési útmutató csak az alaplépéseket magyarázza el a C150BRS4 telepítésével és üzemeltetésével kapcsolatban.
A C150BRS4 különböző funkcióival kapcsolatos további tájékozódás végett lásd a használati utasítást (kizárólag angol nyelvű!) a mellékelt termékismertető CD-ROM-on.
Várjon az Autorun menü megjelenéséig, majd jelölje ki a **„View User Manual”**-t.

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- 2.2. Hátlap

3. A kábelek csatlakoztatása
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- 3.2. LAN-port(ok)

4. A számítógép konfigurálása
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- 4.2. A csatlakoztatás ellenőrzése

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7. Porthozzárendelés

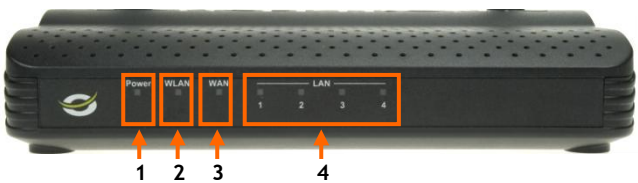
1. A csomag tartalma

A Conceptronic 150N, vezeték nélküli útválasztót tartalmazó csomagban az alábbiak találhatók:

- Conceptronic C150BRS4 – 150N, vezeték nélküli útválasztó
- 12 V-os egyenáramú, 1 A-es tápegység
- Hálózati (LAN) kábel
- Termékismertető CD-ROM
- Ez a többnyelvű gyorstelepítési útmutató
- Jótállási jegy és a CE-nyilatkozatot tartalmazó füzet

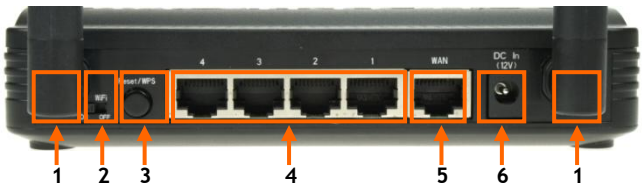
2. A C150BRS4 magyarázata

2.1 Előlap



Sz.	Leírás	Állapot	Az állapotra vonatkozó magyarázat
1.	Az áramellátást jelző LED	NEM VILÁGÍT VILÁGÍT	A berendezés ki van kapcsolva A berendezés be van kapcsolva
2.	WLAN/WPS LED	NEM VILÁGÍT FOLYAMATOSAN VILÁGÍT VILLOG	A vezeték nélküli hálózat kikapcsolva A vezeték nélküli WPS-funkció bekapcsolva Vezeték nélküli, hálózati tevékenység (adatok küldése vagy fogadása)
3.	WAN LED	NEM VILÁGÍT FOLYAMATOSAN VILÁGÍT VILLOG	A WAN-port nincs csatlakoztatva A WAN-port csatlakoztatva A WAN-port tevékenysége (adatok küldése vagy fogadása)
4.	LAN LED-ek (1, 2, 3, 4)	NEM VILÁGÍT FOLYAMATOSAN VILÁGÍT VILLOG	A LAN-port nincs csatlakoztatva A LAN-port csatlakoztatva A LAN-port tevékenysége (adatok küldése vagy fogadása)

2.2 Hátlap



Sz.	Leírás	Magyarázat
1.	Vezeték nélküli antennák (2x)	Két rögzített antenna a vezeték nélküli műsorszóráshoz
2.	A rádió főkapcsolója	A vezeték nélküli rádió be-, illetve kikapcsolására
3.	Visszaállító/WPS-gomb	A WPS-funkció aktiválására (röviden megnyomva), vagy visszaállításra (lenyomva tartva)
4.	LAN-portok (1-től 4-ig)	A számítógép(ek)/hálózati eszköz(ök) csatlakoztatására az útválasztóhoz
5.	WAN-port	A széles sávú kapcsolat csatlakoztatására az útválasztóhoz
6.	Hálózati csatlakozás	A tápegység csatlakoztatására az útválasztóhoz

3. A kábelek csatlakoztatása

Csatlakoztassa a tápegységet a C150BRS4 hátlapján lévő hálózati csatlakozóhoz, valamint szabad falicsatlakozóhoz. A C150BRS4 előlapján lévő, az áramellátást jelző LED kigyullad.

3.1 WAN-port

Hálózati (LAN) kábel segítségével csatlakoztassa a C150BRS4-et széles sávú modemjéhez.
A C150BRS4 előlapján lévő WAN LED kigyullad.

Megjegyzés: Ha az előlapon lévő WAN LED nem gyullad ki, ellenőrizze a következőket:

- A C150BRS4 be van kapcsolva (az áramellátást jelző LED-nek világítania kell).
- A széles sávú modem be van kapcsolva.
- A két eszköz közötti hálózati (LAN) kábel megfelelően van csatlakoztatva.

3.2 LAN-port(ok)

Csatlakoztassa a hálózati (LAN) kábelt a C150BRS4 hátlapján lévő 4 LAN-port valamelyikéhez, majd a számítógép hálózati kártyájához.
A használt LAN-port LAN LED-je kigyullad jelezve, hogy a számítógép csatlakoztatva lett. (Az adott számítógépet be kell kapcsolni, a LAN-kapcsolatot pedig engedélyezni kell.)

4. A számítógép konfigurálása

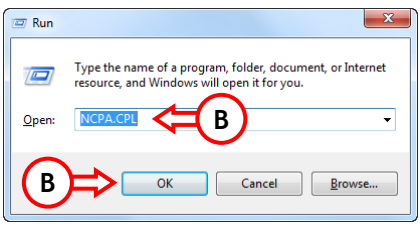
4.1 Az IP-cím konfigurálása

A C150BRS4-hez tartozik egy beépített DHCP-szerver is. A DHCP-szerver automatikusan IP-címet rendel hozzá mindegyik csatlakoztatott számítógéphez, ha a csatlakoztatott számítógépet arra konfigurálták, hogy automatikusan kapjon IP-címet.

A legtöbb számítógépet alapértelmezésben úgy konfigurálják, hogy automatikusan kapjon IP-címet. Amennyiben nem ez a helyzet, akkor az adott számítógépet az alábbi utasítások betartásával konfigurálni kell, hogy automatikusan kapjon IP-címet.

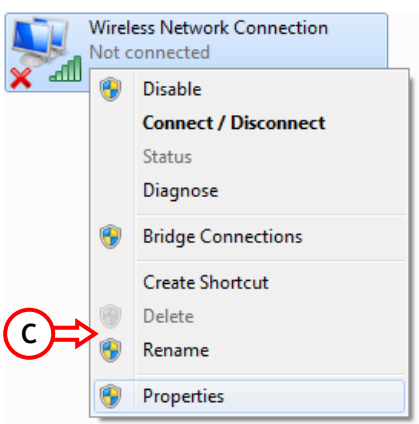
A. Kattintson a **„Start”**-ra, menjen az **„All Programs”**-hoz, majd az **„Accessories”**-hez, végül pedig válassza a **„Run”**-t.

B. Írja be az **„NCPA.CPL”** parancsot, majd kattintson az **„OK”**-ra.



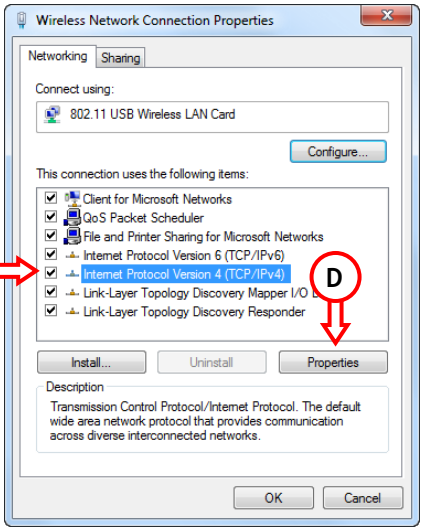
A **„Network Connections”** ablak jelenik meg.

C. Kattintson jobb egérrel a **„Local Area Connection”**-re vagy a **„Wireless Network Connection”**-re (az éppen alkalmazott kapcsolattól függően), majd jelölje ki a **„Properties”**-t.



A Local Area Connection (helyi kapcsolat) vagy a Wireless Network Connection (vezeték nélküli, hálózati kapcsolat) tulajdonságainak ablaka jelenik meg.

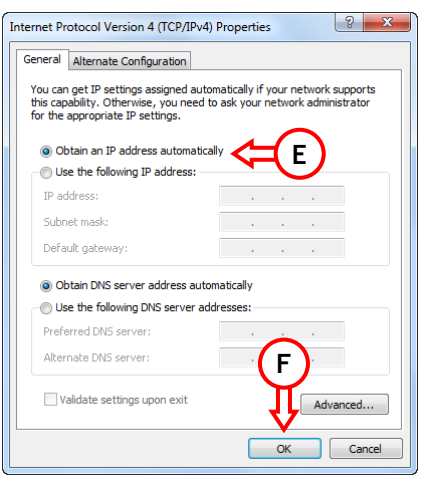
D. Jelölje ki a **„Internet Protocol Version 4 (TCP/IPv4)”**-et, majd kattintson a **„Properties”**-re.



Az Internet Protocol Version 4 (TCP/IPv4) (internet protokoll 4-es verzió) tulajdonságainak ablaka jelenik meg:

E. Állítsa be a tulajdonságokat a következőre: **„Obtain an IP address automatically”**, majd kattintson az **„OK”**-ra a beállítások elmentéséhez.

F. Kattintson az **„OK”**-ra az Internet Protocol Version 4-nek (TCP/IPv4) a Properties (tulajdonságok) ablakában, hogy a beállításokat elmenthesse.



4.2 A csatlakoztatás ellenőrzése

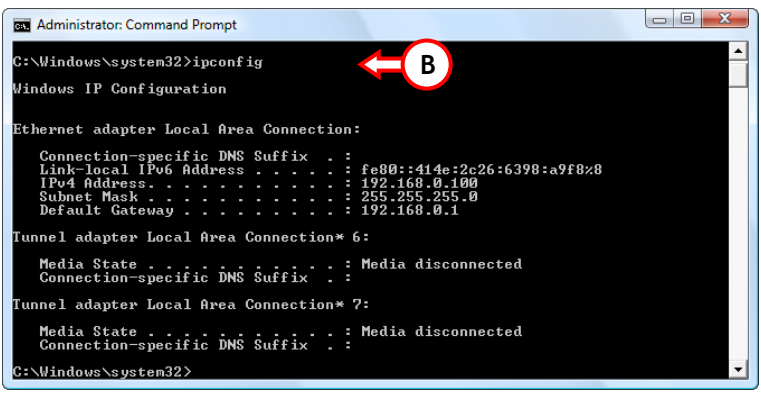
A Windowsnak a **„Command Prompt”**-ja segítségével ellenőrizheti, vajon helyes IP-címet kapott-e a helyi kapcsolat vagy a vezeték nélküli hálózati kapcsolat esetében. Ez a példa a Service Pack 1-gyel kiegészülő Windows 7-en és Vistán alapul. A Windows 7-nek és a Vistának rendszergazdai jogosultságra van szüksége ahhoz, hogy az alábbi lépéseket végrehajthassák, amelyek magyarázata az alábbiakban látható.

A. Kattintson a következőkre: **„Start”**, **„All Programs”**, **„Accessories”**, majd kattintson jobb egérrel a **„Command Prompt”**-ra, végül jelölje ki a **„Run as administrator”**-t.

Lehet, hogy figyelmeztető üzenetet kap, amelyet a **„Continue”**-ra vagy a **„Yes”**-re kattintva kell elfogadnia.

A parancssor (Command Prompt) ablaka jelenik meg. Ellenőrizze, hogy a **„Command Prompt”** címsor megemlíti-e a következőket: **„Administrator: Command Prompt”**. Ha az **„Administrator”** nincs megemlítve, akkor nincs szükség rendszergazdai jogosultságra ezekhez a lépésekhez, hanem ismét végre kell hajtani az **A. lépést**.

B. Írja be a **„IPCONFIG”** parancsot, majd nyomja le az **„ENTER”**-t a billentyűzeten.



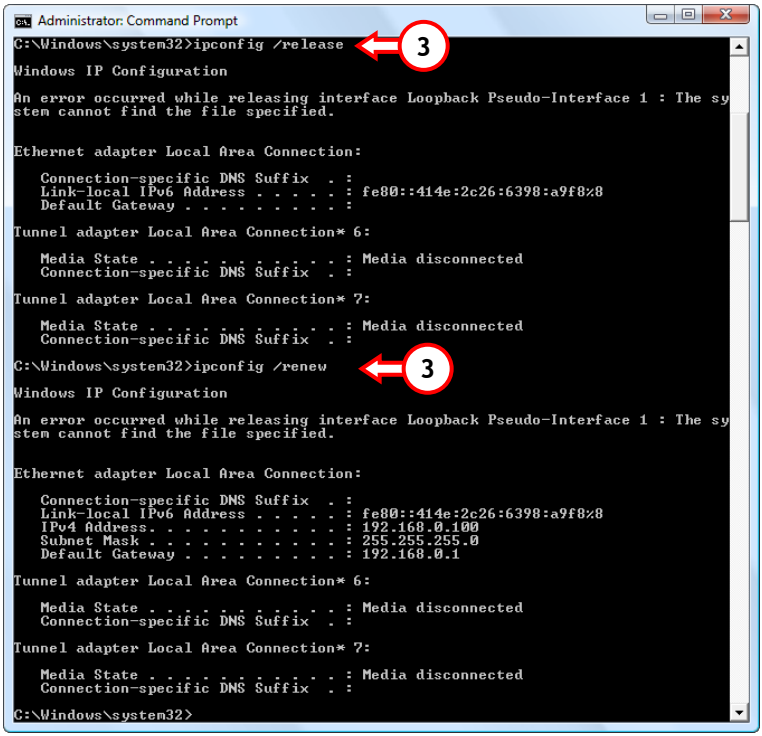
Az alábbiakat kell látnia:

IPv4 Address (IPv4-cím)	**: 192.168.0.xxx** (ahol az **xxx** bármi lehet **100** ~ **199** között).
Subnet Mask (alhálózati maszk)	**: 255.255.255.0**
Default Gateway (alapértelmezett átjáró)	**: 192.168.0.1**

Ha a fenti információ megfelel az adott konfigurációnak, az útválasztónak az **5. fejezetben** említett konfigurálásával folytathatja.

Ha a fentebb látható információ nem felel meg a konfigurációnak (azaz az adott IP-cím 169.254.xxx.xxx), akkor a következőket kell végrehajtania:

1. Szüntesse meg, majd adja rá újra az útválasztó tápellátását.
2. Húzza ki, majd csatlakoztassa újból a hálózati kábelt az útválasztóhoz és a számítógéphez egyaránt.
3. Vizsgálja felül az adott számítógép IP-címét az alábbi parancsok segítségével:
   - **„IPCONFIG /RELEASE”** : ezzel felszabadítja a helytelen IP-címet
   - **„IPCONFIG /RENEW”** : ezzel megújítja az IP-címet



Ha a fenti lépések nem oldják meg az IP-címmel kapcsolatos problémát, akkor az eszközt átállíthatja a gyári alapértelmezett beállításokra az eszköz hátlapján lévő visszaállító gomb segítségével.
Addig tartsa lenyomva a visszaállító gombot, amíg az áramellátást jelző LED villogni nem kezd (kb. 10 mp-ig). Ezzel újraindul az útválasztó, majd a gyári alapértelmezett beállítások letöltődnek az útválasztóba.
Ha az áramellátást jelző LED megint folyamatosan világít, ismételje meg a **B. lépést** az IP-cím megújításához.

Megjegyzés: Ha a probléma továbbra is fennáll, ellenőrizze, vajon minden kábel a megfelelő módon van-e csatlakoztatva. A WAN-portnak a modemhez, a LAN-portnak pedig a számítógéphez kell csatlakoznia. Ha ezek rosszul lettek csatlakoztatva, akkor az helytelen IP-címet is eredményezhet.

5. A C150BRS4 konfigurálása

Ebben a fejezetben azt ismertetjük, hogyan kell a C150BRS4-et a beépített telepítővarázsló segítségével konfigurálnia. Az ebben a fejezetben közölt lépések végrehajtása után az útválasztó — elsődleges feladatainak ellátása szempontjából — beállítottnak tekinthető.

5.1 Bejelentkezés

A C150BRS4 konfigurálásához web alapú interfészt használunk. Ez azt jelenti, hogy a C150BRS4-et bármelyik webböngészős számítógépen konfigurálhatja, amelyet a C150BRS4-hez csatlakoztattak.

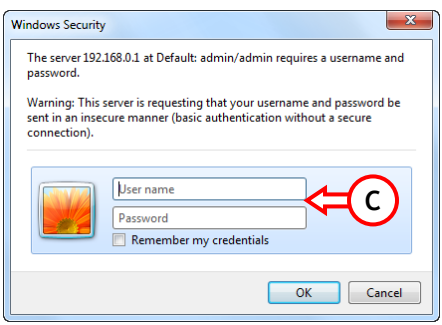
Megjegyzés: Nyomatékosan javasoljuk, hogy ne használjanak a C150BRS4 konfigurálása során vezeték nélküli kapcsolatot, mivel — bizonyos beállítások igazításakor — ez a kapcsolat elveszhet. Ennélfogva nyomatékosan javasoljuk olyan számítógép használatát, amely hálózati kábel segítségével van a C150BRS4-hez csatlakoztatva.

Ha be akar jelentkezni a C150BRS4-be, hajtsa végre az alábbiakat:

A. Indítsa el a webböngészőt (például: Internet Explorer, Firefox, Safari vagy Chrome).

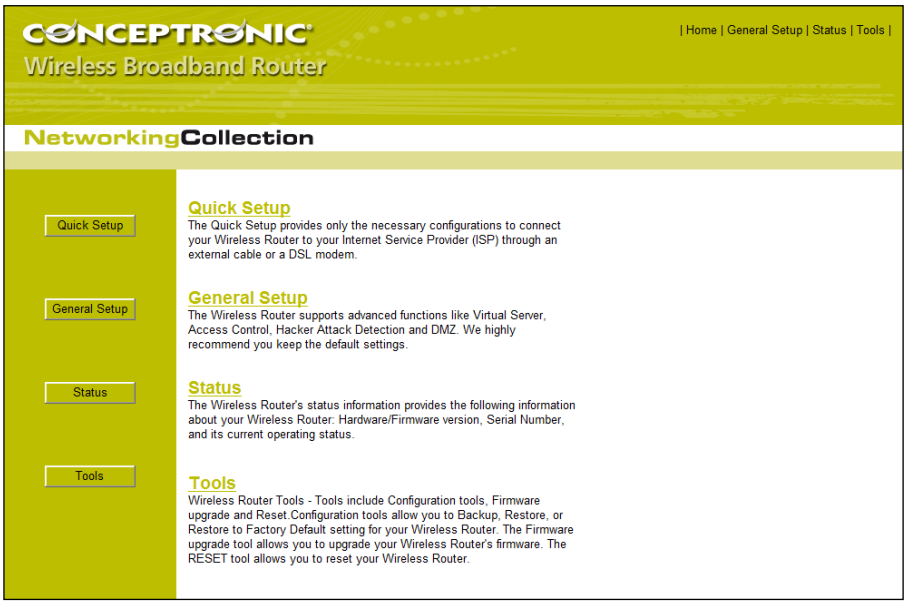
B. Írja be az útválasztó IP-címét a webböngésző címsorába.
Alapértelmezett **:** **http://192.168.0.1/**

Előugró ablak jelenik meg, ahol a számítógép kéri a felhasználónevet és a jelszót.



C. Írja be a felhasználónevet és a jelszót, majd kattintson az **„OK”**-ra a web alapú konfigurációba való belépéshez.
Alapértelmezett felhasználónév : **admin**
Alapértelmezett jelszó : **admin**

Ha a felhasználónév és a jelszó helyes, az útválasztó főoldala jelenik meg:



A főoldalról könnyen kiválasztható a négy főopció bármelyike a C150BRS4-nek a web alapú konfigurációjában:

- **Quick Setup** : A C150BRS4 gyors telepítésére szolgál az első használatkor (részletes magyarázata az **5.2. fejezetben** olvasható)
- **General Setup** : A speciális opciók megváltoztatására szolgál (részletes magyarázata az **5.3 fejezetben** olvasható)
- **Status** : Az útválasztónak, a csatlakoztatott ügyfeleknek és a naplófájloknak az állapot-ellenőrzésére szolgál
- **Tools** : Biztonsági másolat készítésére a konfigurációról, a firmware frissítésére, vagy az útválasztó újraindítására szolgál

Megjegyzés: Mindvégig lehetséges a főopciók bármelyikének a kiválasztása (kivéve a gyors telepítést) a négy opció közül az oldal jobb felső sarkában. Vissza is léphet a főoldalra, ha rákattint a **„Home”**-ra.

5.2 Gyorstelepítő varázsló

A **„Quick Setup”** varázsló lépésről lépésre végigvezet a C150BRS4 alapbeállításain.

Megjegyzés: A **„Quick Setup”** varázsló elindítása előtt ellenőrizze, hogy az internetkapcsolatra vonatkozó összes információ rendelkezésre áll-e.
Például: a kapcsolat típusa, fiókadatok stb.

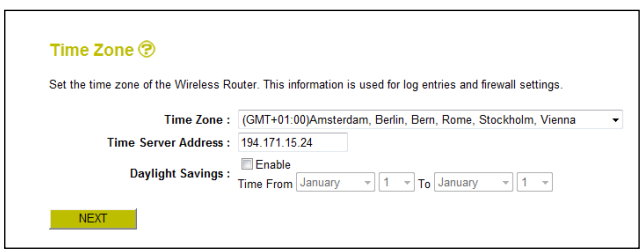
Megjegyzés: Ebben a fejezetben az alábbiak érvényesek: Ha nem tudja, melyik opciót válassza, vagy nem áll rendelkezésre a szükséges információ, akkor vagy olvassa el az internetkapcsolat dokumentációját, vagy forduljon az internet-szolgáltatóhoz.

A. Kattintson a **„Quick Setup”**-ra a főoldalon.

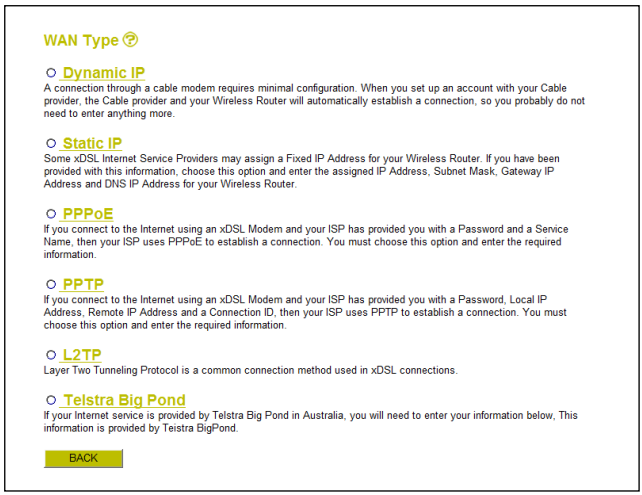
B. Rendszerkezelési szempontból az idő megfelelő beállítása kritikus, ha pontos időbélyegzőkre van szükség a rendszernaplókban.

Jelölje ki a megfelelő időzónát, majd tetszőlegesen változtassa meg az időkiszolgáló címét és/vagy engedélyezze a nyári időszámítás szerinti időt.

Amikor végzett, a folytatáshoz kattintson a **„Next”** gombra.



C. Jelölje ki azt a WAN-típust, amely megfelel az internet-szolgáltató beállításainak.

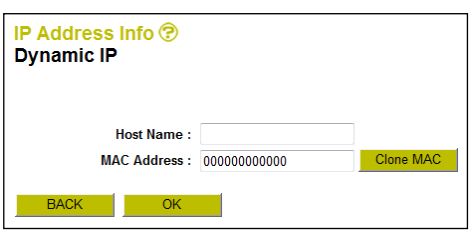


1. Dinamikus IP

Bizonyos internet-szolgáltatók meghatározott állomásnevet igényelnek. Ha ez az adott kapcsolatra is érvényes, akkor ide kell beírni az állomásnevet.

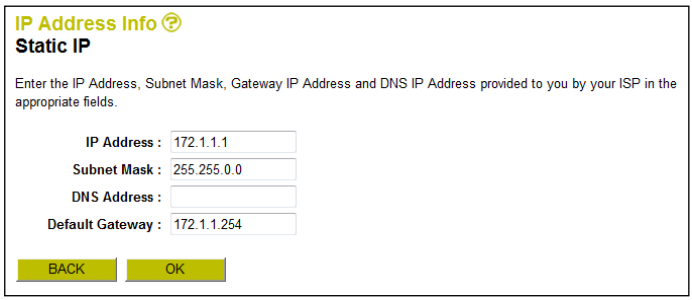
Bizonyos internet-szolgáltatók csak egy meghatározott MAC-cím számára engedélyezik az internetkapcsolatot. Ebben az esetben vagy klónozhatják az internetkapcsolat kialakítására használt számítógép MAC-címét a **„Clone MAC”** gombra kattintva, vagy manuálisan is beírhatják az MAC-címet.

Amikor végzett, a folytatáshoz kattintson az **„OK”** gombra.



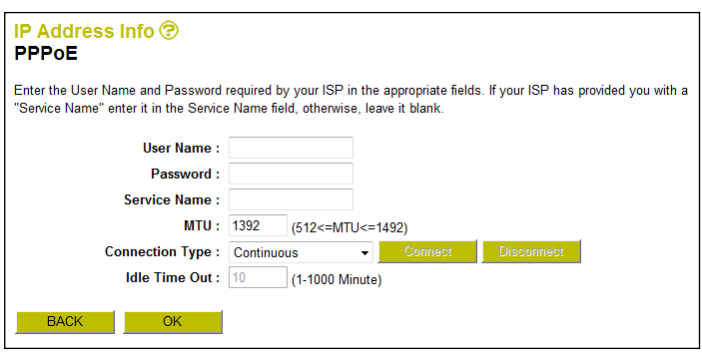
2. **Statikus IP**
Írja be a megfelelő mezőkre az érintett internet-szolgáltató által megadott, statikus IP-cím beállításait.

Amikor végzett, a folytatáshoz kattintson az **„OK”** gombra.



3. **PPPoE**
Írja be a megfelelő mezőkre az érintett internet-szolgáltató által megadott PPPoE-beállításokat.

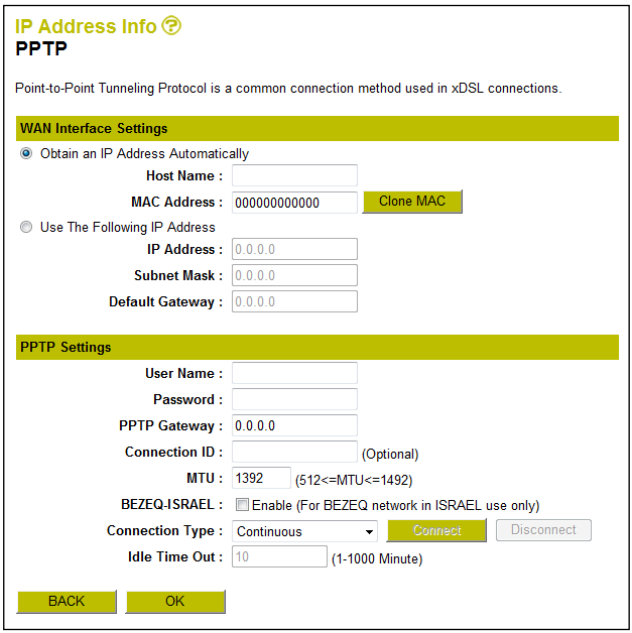
Amikor végzett, a folytatáson kattintson az **„OK”**-ra.



4. PPTP

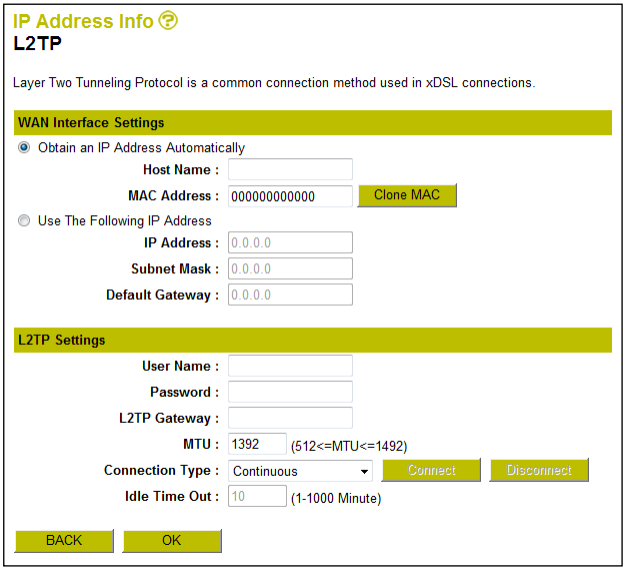
Írja be a megfelelő mezőkre az érintett internet-szolgáltató által megadott PPTP-beállításokat.

Amikor végzett, a folytatáshoz kattintson az **„OK"**-ra.



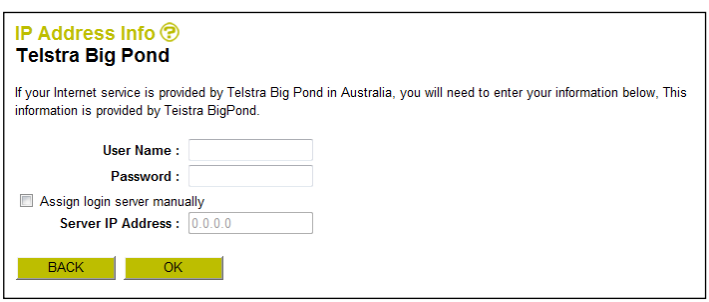
5. **L2TP**
Írja be a megfelelő mezőkre az érintett internet-szolgáltató által megadott L2TP-beállításokat.

Amikor végzett, a folytatáshoz kattintson az **„OK"**-ra.



6. **Telstra Big Pond**
Írja be a felhasználónevet és a jelszót, valamint — ha szükséges — manuálisan rendeljen hozzá egy a kiszolgálóhoz tartozó IP-címet.

Amikor végzett, a folytatáshoz kattintson az **„OK"** gombra.



D. A beállítások automatikusan elmentődnek.
Az **„Apply”** gombra kattintva újraindíthatja az útválasztót.

Megjegyzés: Ha megváltoztatja a C150BRS4 konfigurációjának a beállításait, akkor a berendezés mindig kérni fogja, hogy válasszanak a következő két opció közül:

- **Continue** : A változtatások végrehajtásának a folytatására (a változtatások még nincsenek elmentve).
- **Apply** : Az összes változtatás úgy történő alkalmazására, hogy azok előbb elmentődnek a konfigurációhoz, majd az útválasztó újraindul.

Megjegyzés: Alapértelmezésben a C150BRS4 vezeték nélküli hálózatának a biztonságáról a WPA-PSK/WPA2-PSK (vegyes módú) titkosítás gondoskodik. Ez azt jelenti, hogy nem kell manuálisan biztonságossá tenni a vezeték nélküli hálózatot. Lásd az **5.3. fejezetet**, ha manuálisan kívánja megváltoztatni a C150BRS4-nek a biztonsági beállításait.

5.3 Speciális beállítások

Ez a gyorstelepítési útmutató a C150BRS4 telepítéséhez és üzemeltetéséhez szükség alapbeállításokat magyarázza el. A speciális beállítások, vagy a részletesebb magyarázat megtekintése érdekében lásd a használati utasítást (kizárólag angol nyelvű!) a mellékelt termékismertető CD-ROM-on.

Tegye be a termékismertető CD-ROM-ot az optikai meghajtóba, várjon, amíg az Autorun menü meg nem jelent, majd jelölje ki a **„View User Manual”**-t.

Megjegyzés: Ha meg kívánja tekinteni a használati utasítást, telepítenie kell az Adobe Readert. Ha ez még nincs telepítve a számítógépre, kijelölheti az **„Install Adobe Reader”**-t az Autorun menün (kizárólag Windows esetében).

Ezzel a Conceptronic 150N, vezeték nélküli útválasztó használatkész!

6. Csatlakoztatás a vezeték nélküli hálózathoz

Két különböző mód kínálkozik a C150BRS4-hez vezeték nélkül való csatlakoztatásra:

- manuálisan.
- automatikusan, a WPS-funkció segítségével.

! FONTOS MEGJEGYZÉS !

A C150BRS4 biztonságáról alapértelmezésben a WPA-PSK/WPA2-PSK (vegyes módú) titkosítás gondoskodik. Az egyedi WPA-jelmondat megtalálható a C150BRS4 alján lévő matricán.

Szinte minden márkájú/típusú, vezeték nélküli kártya más ügyfélalkalmazást használ. Ha tájékozódni kíván arra nézve, hogyan kell kapcsolatot kialakítani vezeték nélküli hálózattal, lásd a vezeték nélküli hálózati kártya leírását.

6.1 Manuális csatlakoztatás Windows 7 esetében

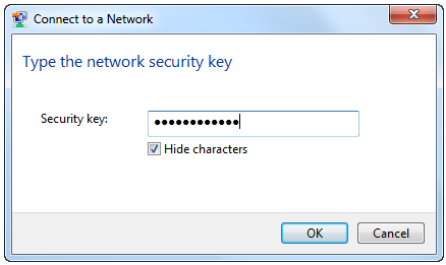
Az alábbi példa esetében a Windows 7-hez tartozó, integrált **„Connect to a Network”** opciót használjuk.

A. Kattintson a **„Network”** ikonra a Tálcán, ha meg kívánja tekinteni az elérhető, vezeték nélküli hálózati kapcsolatok listáját.

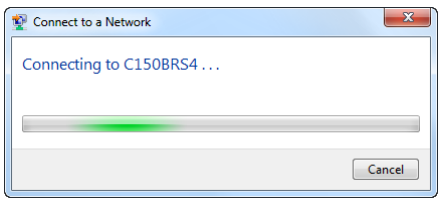
B. Jelölje ki a **„C150BRS4”** hálózatot a listán, majd kattintson a **„Connect”**-re.

Alapértelmezésben a **„Connect automatically”** opció van kijelölve. Ez biztosítja, hogy a kapcsolat minden egyes alkalommal automatikusan elinduljon, amikor a számítógépet bekapcsolták. Ha erre nincs szükség, ennek az opciónak a kijelölése visszavonható, mielőtt rákattintanának a **„Connect”**-re.

C. Írja be az alapértelmezett WPA-jelmondatot (amely a C150BRS4 alján látható) a **„Security key”** mezőre, majd kattintson az **„OK”**-ra.



D. Az ügyfél ezután megkezdi a rácsatlakozást a vezeték nélküli hálózatra.

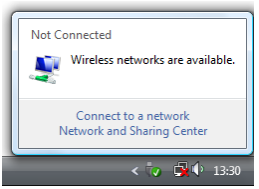


E. A vezeték nélküli kapcsolat állapotának az ellenőrzése érdekében rákattinthat a **„Network”** ikonra a Tálcán. Látni fogja, hogy melyik hálózatra van éppen rácsatlakozva, milyen a hozzáférés, egyszersmind milyen a kapcsolat jelerőssége.

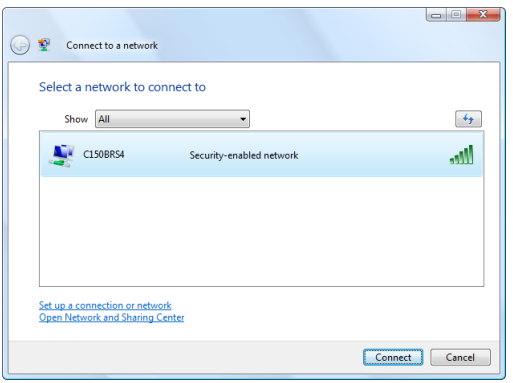
6.2 Manuális csatlakoztatás Windows Vista esetében

Az alábbi példa esetében a Service Pack 1-gyel kiegészített Windows Vistából származó, integrált **„Connect to a Network”** opciót alkalmazzuk.

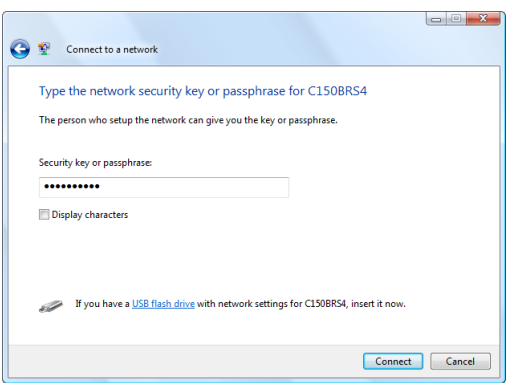
A. Kattintson a **„Network”** ikonra a Tálcán, majd kattintson a következőre: **„Wireless networks are available”**.



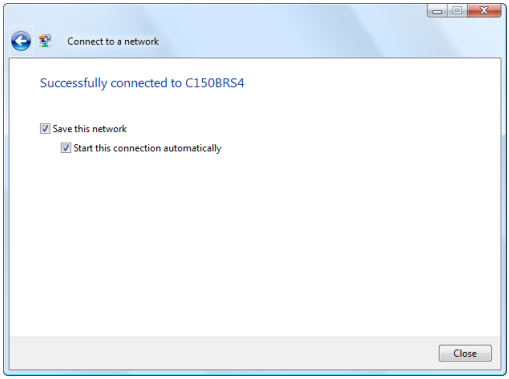
B. Jelölje ki a **„C150BRS4”** hálózatot a listán, majd kattintson a **„Connect”**-re.



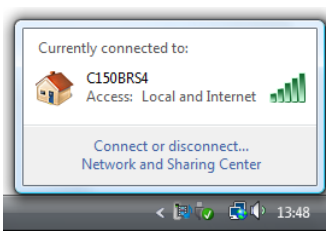
C. Írja be az alapértelmezett WPA-jelmondatot (amely a C150BRS4 alján látható) a **„Security key or passphrase”** mezőre, majd kattintson a **„Connect”**-re.



D. Amikor a kapcsolat már létrejött, dönthet úgy, hogy a hálózatot elmenti és automatikusan elindítja minden egyes alkalommal, amikor a számítógépet bekapcsolják. A **„Close”**-ra kattintva kiléphet a Csatlakozás varázslóból.



E. Ha ellenőrizni kívánja a vezeték nélküli kapcsolat állapotát, rákattinthat a **„Network”** ikonra a Tálcán. Látni fogja majd, hogy melyik hálózatra van éppen rácsatlakozva, milyen a hozzáférés, és milyen a kapcsolat jelerőssége.



6.3 Automatikus csatlakoztatás WPS segítségével

A Conceptronic C150BRS4 támogatja a WPS-t (Wi-Fi-vel védett Setup). A WPS egy a vezeték nélküli hálózat könnyű és biztonságos kialakításához szükséges szabvány. A WPS segítségével pár egyszerű lépésben telepíthető és védhető a vezeték nélküli hálózat.

Megjegyzés: Ha a WPS-t kívánja alkalmazni a C150BRS4-nél, akkor a WPS-t támogató, vezeték nélküli ügyfélre van szükség. Ha egy vagy több olyan, vezeték nélküli ügyfele van, amelyeknek nincs WPS-támogatása, akkor tanácsos manuálisan rácsatlakozni a C150BRS4-re a készülék alján látható, előre konfigurált WPA-kulcs segítségével. A vezeték nélküli hálózatra való manuális rákapcsolódással kapcsolatban lásd a **6.1.** vagy a **6.2. fejezetet**.

Megjegyzés: A WPS-sel kapcsolatos további (műszaki) adatokkal kapcsolatban lásd az alábbi honlapot: http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

A C150BRS4 kétféleképpen támogatja a WPS-kapcsolat aktiválását és kialakítását:

- **Push Button technology (nyomógombos technológia)**
- **PIN Code technology (PIN-kódos technológia)**

WPS — Nyomógombos technológia

A WPS nyomógombos technológia (virtuális) gombot igényel a vezeték nélküli ügyfél esetében, hogy kapcsolatot lehessen létesíteni a 150BRS4 és a vezeték nélküli ügyfél között.
Bizonyos, vezeték nélküli ügyfelek igazi gombot alkalmaznak a WPS nyomógombos technológiának az aktiválására; más, vezeték nélküli ügyfelek pedig virtuális gombot használnak a programjukban.

Az alábbi lépések segítségével lehet — a nyomógombos technológia alkalmazása mellett — a WPS-kapcsolatot aktiválni, illetve kialakítani:

A. Nyomja meg a WPS-gombot a C150BRS4 alján; a WLAN/WPS LED innentől fogva folyamatosan világít jelezve, hogy a WPS-hitelesítés elindult.

B. Nyomja meg a WPS-gombot a vezeték nélküli ügyfélen. Ez vagy egy hardvergomb, vagy egy a vezeték nélküli ügyfél programjának részét képező, virtuális gomb.

Megjegyzés: A C150BRS4 120 mp-ig biztosítja a WPS-hitelesítés aktiváltságát. Ezalatt a WLAN/WPS LED folyamatosan világít. Ha 120 mp-en belül nem jön létre WPS-kapcsolat, a LED visszatér eredeti állapotába és a WPS-hitelesítés leáll.

Ha a WPS-hitelesítés sikeres, a WLAN/WPS LED visszatér eredeti állapotába.

Innentől fogva a vezeték nélküli ügyfél rá van csatlakoztatva a C150BRS4-nek a biztonságos, vezeték nélküli hálózatára.
A kapcsolat elvesztése nélkül további, vezeték nélküli ügyfelekkel is kiegészítheti a korábban már csatlakoztatott, vezeték nélküli ügyfeleket. Ha egynél több vezeték nélküli ügyfelet kíván hozzáadni, ismételje meg a fenti **A.** és **B.** lépést.

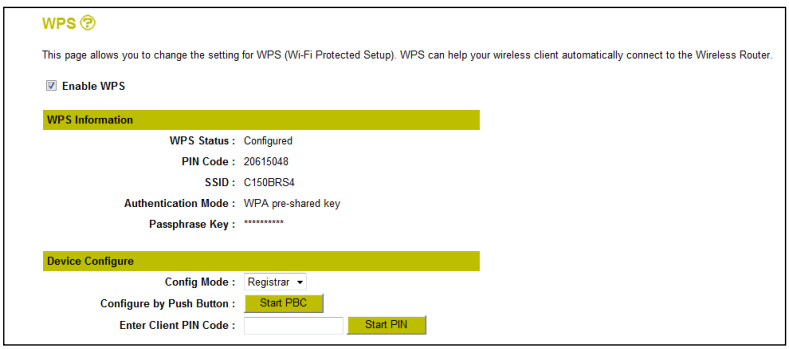
WPS — PIN-kódos technológia

Ha a vezeték nélküli ügyfél olyan WPS-t támogat, amelynek nincs (virtuális) nyomógombja, akkor a PIN-kódos technológia használható WPS-kapcsolat kialakítására.

Megjegyzés: A WPS PIN-kódos funkciójának az aktiválásához olyan számítógépre van szükség, amely vezetékesen csatlakozik a C150BRS4-hez.

A. Jelentkezzen be a webes felületre az **5.1. fejezetben** elmagyarázottak szerint.
B. Előbb jelölje ki a **„General Setup”**-ot, majd a **„Wireless”**-t, végül pedig a **„WPS”**-t.

A WPS-konfigurációt feltüntető oldal jelenik meg.

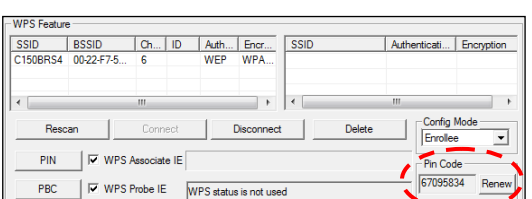


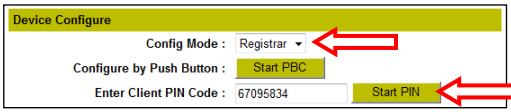
A WPS-konfigurációt tartalmazó oldalon bekapcsolhatja a virtuális „nyomógombot” vagy a „PIN-kódos” hitelesítést.
A „PIN-kódos” hitelesítés kétféleképpen kezdeményezhető:

---

1. A vezeték nélküli ügyfél megadja a PIN-kódot, amelyet majd beírnak az útválasztóba.
Ebben a helyzetben a vezeték nélküli ügyfél az „Enrollee” lesz, az útválasztó pedig a „Registrar”.

A. Indítsa el a vezeték nélküli ügyfelet, és keresse a megadott PIN-kódot az alábbi példában közöltek szerint:



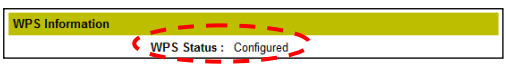


B. Ellenőrizze, hogy a **„Config Mode”** a WPS-konfigurációt tartalmazó oldalon **„Registrar”**-ra van-e beállítva.
C. Írja be a vezeték nélküli ügyfél által megadott PIN-kódot az **„Enter Client PIN Code”** mezőre.
D. Kattintson a **„Start PIN”** gombra.

A C150BRS4 120 mp-ig gondoskodik a WPS-hitelesítés aktívan tartásáról a megadott PIN-kóddal bíró, bejövő kapcsolatok szempontjából.

E. Indítsa el a PIN-kódos kapcsolatot a vezeték nélküli ügyfélnél.

Az adott, vezeték nélküli ügyfél innentől fogva rá van csatlakoztatva a C150BRS4 biztonságos, vezeték nélküli hálózatára. Amikor a kapcsolat már létrejött, a C150BRS4 leállítja a WPS-hitelesítés ellenőrzését, a WPS-konfigurációs oldalon pedig a WPS állapota a következőre lesz beállítva: **„Configured”**.



Ha további, a WPS-funkcióval bíró, vezeték nélküli ügyfeleket kíván hozzáadni, ismételje meg az **A.**-tól **E.**-ig terjedő lépéseket.

---

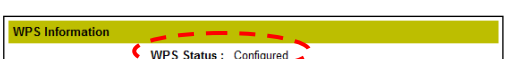
2. Az útválasztó megadja a PIN-kódot, amelyet majd beírnak a vezeték nélküli ügyfélnél.
Ebben a helyzetben az útválasztó az „Enrollee” lesz, a vezeték nélküli ügyfél pedig a „Registrar”.

A. Állítsa be a WPS konfigurációs oldalán a **„Config Mode”** opciót a következőre: **„Enrollee"**, majd írja le a **„PIN Code”** c. fejezetben említett PIN-kódot.
B. Kattintson a **„Start PIN”** gombra.

A C150BRS4 120 mp-ig gondoskodik a WPS-hitelesítés aktívan tartásáról a generált PIN-kóddal bíró, bejövő kapcsolatok esetében.

C. Írja be a C150BRS4-hez mellékelt PIN-kódot a vezeték nélküli ügyfél programjába, állítsa be a vezeték nélküli ügyfél programját **„Registrar”**-ra, majd végül indítsa el a PIN-kódos kapcsolatot.

Az adott, vezeték nélküli ügyfél innentől fogva rá van csatlakoztatva a C150BRS4-nek a biztonságos, vezeték nélküli hálózatára. Ha a kapcsolat már létrejött, a C150BRS4 leállítja a WPS-hitelesítés ellenőrzését, a WPS konfigurációs oldalán látható WPS-állapot beállítása pedig a következő lesz: **„Configured”**.



Ha a WPS-funkcióval bíró további, vezeték nélküli ügyfeleket kíván hozzáadni, ismételje meg az **A.**-tól **C.**-ig jelölt lépéseket.

7. Porthozzárendelés

A Conceptronic C150BRS4-hez tartozik egy beépített tűzfal is, amelynek segítségével megakadályozhatók az internetről az Ön hálózata ellen irányuló támadások. Ez a tűzfal automatikusan blokkol minden bejövő forgalmat az éppen nem használt portokon. Ha szükség van egy blokkolt portra valamilyen szolgáltatáshoz vagy alkalmazáshoz (például: FTP- vagy webkiszolgáló esetében), előállítható egy a virtuális kiszolgálóra vonatkozó szabály is a konfigurációs oldalakon a forgalom továbbítása érdekében.

A C150BRS4 az UPnP-porthozzárendelést is támogatja, amelynek segítségével a helyi UPnP-alkalmazások automatikusan porthozzárendeléseket adhatnak hozzá az útválasztó konfigurációjához. Ez azt jelenti, hogy amennyiben éppen egy az UPnP szempontjából engedélyezett alkalmazást használnak, akkor nem kell egy a virtuális kiszolgálóra vonatkozó szabályt manuálisan előállítani a C150BRS4 esetében a szóban forgó alkalmazás céljából.

Abban a helyzetben, ha UPnP nem áll rendelkezésre, vagy ha egy a virtuális kiszolgálóra vonatkozó szabályt nem szükséges valamilyen más ok miatt hozzáadni, tanácsos a számítógépe(ke)t és/vagy a hálózati eszköz(öke)t dinamikus IP-cím helyett rögzített IP-címmel konfigurálni.

Alább látható egy lista néhány, gyakran alkalmazott portról és azok megfelelő alkalmazásáról:

Port	Alkalmazás	Port	Alkalmazás
20.	FTP-adatok (FTP-kiszolgáló)	**80.**	HTTP (webkiszolgáló)
21.	FTP-adatok (FTP-kiszolgáló)	**110.**	POP3 (üzenetkiszolgáló – bejövő)
22.	SSH (biztonságos távoli bejelentkezés nem biztonságos hálózaton)	**2000.**	Távolabb bárhol
		5800.	VNC
23.	Telnet	**5900.**	VNC
25.	SMTP (üzenetkiszolgáló – kimenő)		

A többi porttal és az azok megfelelő alkalmazásával kapcsolatban lásd: http://portforward.com/cports.htm.

Megjegyzés: A virtuális szerverrel és a DMZ-opciókkal kapcsolatos további tájékozódás végett lásd a használati utasítást (kizárólag angol nyelvű!) a termékismertető CD-ROM-on. Jelölje ki a **„View User Manual"**-t az Autorun menün.

A. Jelentkezzen be a webes felületre az **5.1. fejezetben** elmagyarázottak szerint.

B. A virtuális szerver konfigurációját részletező oldal megnyitásához jelölje ki a következőket: **„General Setup"**, **„NAT"** és **„Virtual Server"**.

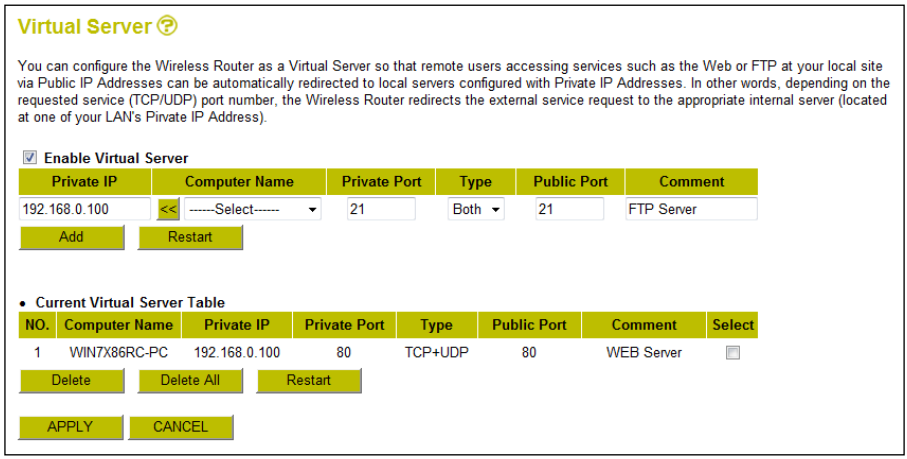
C. Az **„Enable Virtual Server"** előtti jelölőnégyzet kipipálásával engedélyezze a virtuális kiszolgálót.

D. Írja be a virtuális kiszolgálóra vonatkozó szabályhoz szükséges adatokat a következő mezőkre:
- **Private IP** : A számítógép/eszköz helyi IP-címének a beírására.
- **Private Port** : A számítógéphez/eszközhöz szükséges helyi port beírására.
- **Type** : Azon hálózati forgalom típusának a kijelölésére, amelynek át kell haladnia.
- **Public Port** : Annak a portnak a beírására, amelynek láthatónak kell lennie az internetkapcsolaton kívül.
- **Comment** : Tetszőlegesen nevet is hozzáadhat a virtuális kiszolgálóra vonatkozó szabály könnyű felismerhetősége érdekében.

Megjegyzés: Ha a számítógép/eszköz már csatlakoztatva van az útválasztóhoz, ki is jelölheti annak nevét a legördülő listán a **„Computer Name"** alatt, majd nyomja meg a **„<<"** gombot, hogy az adott IP-címet automatikusan hozzáadhassa.

E. Az **„Add”** gombra kattintva hozzáadhatja a virtuális kiszolgálóra vonatkozó szabályt a virtuális kiszolgálók táblázatához.

Megjegyzés: Az alábbiakban példát láthat a virtuális kiszolgáló konfigurációjára.



Megjegyzés: Ha nem tudja, milyen protokollt (**„Type”**) jelöljön ki az adott virtuális kiszolgálóra érvényes szabály kijelöléséhez, jelölje ki a **„Both”**-ot. Ennek az opciónak a segítségével mind a TCP-, mind az UDP-forgalom a konfigurált IP-címen keresztül továbbítódik.

F. Amikor végzett a virtuális kiszolgálóra vonatkozó szabályok hozzáadásával, kattintson az **„APPLY”** gombra a beállítások elmentéséhez. A következő oldalon ismét az **„APPLY”**-ra kattintva újraindíthatja az útválasztót.

Miután az útválasztót újraindították, a berendezés minden beállítást figyelembe vesz, a virtuális kiszolgálóra érvényes szabályokat pedig onnantól fogva alkalmazza.

Ezzel a virtuális kiszolgálóra nézve definiált szabályok használatkészek!

Megjegyzés: A C150BRS4 szempontjából rendelkezésre álló funkciók és beállítások részletesebb magyarázatával kapcsolatban lásd a használati utasítást (kizárólag angol nyelvű!) a mellékelt termékismertető CD-ROM-on. Jelölje ki a **„View User Manual”**-t az Autorun menün.

Conceptronic C150BRS4 version 2.0

Hızlı Kurulum Kılavuzu

Conceptronic 150N Kablosuz Yönlendirici Satın Aldığınız İçin Tebrikler

Bu hızlı kurulum kılavuzu, Conceptronic C150BRS4 kurulumunun ve kullanımının adım adım nasıl yapılacağı konusunda bilgi içermektedir.

Ürününüzle ilgili daha fazla bilgi veya destek almak istediğinizde, **www.conceptronic.net/support** web sitemizin **Service & Support (Servis ve Destek)** bölümünü ziyaret etmenizi ve aşağıdaki seçeneklerden birini seçmenizi öneririz:

- **FAQ** : Sıkça Sorulan Sorular veritabanı
- **Downloads** : Kullanım Kılavuzları, Sürücüler, Ürün Bilgisi ve diğer yüklemeler
- **Contact** : Conceptronic Destek İletişim Bilgileri

Conceptronic ürünleri hakkında genel bilgi almak için **www.conceptronic.net** Conceptronic web sitesini ziyaret edebilirsiniz.

Bu hızlı kurulum kılavuzundaki bilgiler Windows 7 ve Vista işletim sistemlerine göre verilmiştir, ancak farklı bir işletim sistemi kullandığınızda farklılık gösterebilir.

Not: Bu hızlı kurulum kılavuzunda sadece C150BRS4'ü hazırlama ve çalıştırma ile ilgili temel adımlar açıklanmıştır.
C150BRS4'ün çeşitli fonksiyonları ile ilgili daha fazla bilgi için, lütfen Ürün CD-ROM'undaki kullanıcı kılavuzuna (Sadece İngilizce) bakın. Otomatik çalıştırma menüsünün ekrana gelmesini bekleyin ve **'View User Manual'** (Kullanıcı Kılavuzunu Görüntüle)'yi seçin.

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- 2.1. Ön panel
- 2.2. Arka panel

3. Kablo bağlantılarının yapılması
- 3.1. WAN bağlantı noktası
- 3.2. LAN bağlantı noktası (noktaları)

4. Bilgisayarın yapılandırılması
- 4.1. IP adresinin yapılandırılması
- 4.2. Bağlantının kontrol edilmesi

5. C150BRS4'ün yapılandırılması
- 5.1. Oturum açma
- 5.2. Hızlı kurulum sihirbazı
- 5.3. Gelişmiş ayarlar

6. Kablosuz ağ bağlantısı
- 6.1. Windows 7'de manuel bağlantı
- 6.2. Windows Vista'da manuel bağlantı
- 6.3. WPS kullanarak otomatik bağlantı

7. Bağlantı noktası eşleştirme

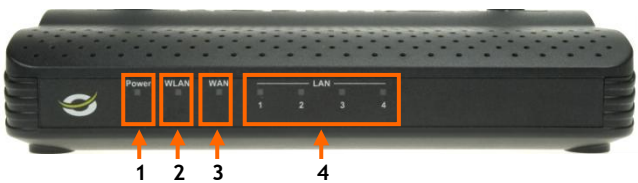
1. Paket içeriği

Conceptronic 150N Kablosuz Yönlendirici paketinin içeriği aşağıdaki gibidir:

- Conceptronic C150BRS4 – 150N Kablosuz Yönlendirici
- Güç kaynağı 12V DC, 0.5A
- Ağ (LAN) kablosu
- Ürün CD-ROM'u
- Çok dilli hızlı kurulum kılavuzu
- Garanti belgesi ve CE uygunluk beyanı

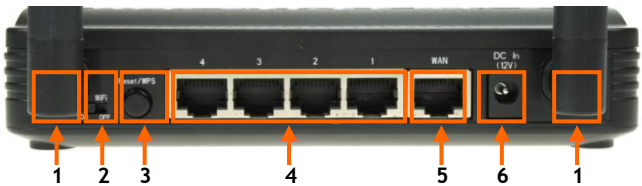
2. C150BRS4 tanıtımı

2.1 Ön panel



Nr	Tanım	Durum	Durum Açıklaması
1	Güç LED'i	**KAPALI** **AÇIK**	Cihaz kapalı Cihaz açık
2	WLAN/WPS LED'i	**KAPALI** **AÇIK - SABİT** **AÇIK - YANIP SÖNÜYOR**	Kablosuz ağ kapalı Kablosuz WPS işlevi etkin Kablosuz ağ etkinliği (veri gönderme veya alma)
3	WAN LED'i	**KAPALI** **AÇIK - SABİT** **AÇIK - YANIP SÖNÜYOR**	WAN bağlantı noktası bağlı değil WAN bağlantı noktası bağlı WAN bağlantı noktası etkinliği (veri gönderme veya alma)
4	LAN LED'leri (1, 2, 3, 4)	**KAPALI** **AÇIK - SABİT** **AÇIK - YANIP SÖNÜYOR**	LAN bağlantı noktası bağlı değil LAN bağlantı noktası bağlı LAN bağlantı noktası etkinliği (veri gönderme veya alma)

2.2 Arka panel



Nr	Tanım	Açıklama
1	Kablosuz anten girişleri (2x)	Kablosuz yayın için iki sabit anten
2	Radyo AÇMA/KAPAMA anahtarı	Kablosuz radyo sinyalini açar ya da kapatır
3	Reset/WPS düğmesi	WPS işlevini etkinleştirir (kısa basış) veya sıfırlama (reset) işlemi gerçekleştirir (basılı tutma)
4	LAN bağlantı noktaları (1 – 4)	Bilgisayar(lar)/ağ aygıt(lar)ını yönlendiriciye bağlamak için kullanılır
5	WAN bağlantı noktası	Geniş bant bağlantınızı yönlendiriciye bağlamak için kullanılır
6	Güç bağlantısı	Güç kaynağını yönlendiriciye bağlamak için kullanılır

3. Kablo bağlantılarının yapılması

Güç kaynağını C150BRS4'ün arkasındaki güç bağlantısına ve boş bir duvar prizine takın. C150BRS4'ün ön tarafındaki Güç LED'i yanar.

3.1 WAN bağlantı noktası

Bir ağ (LAN) kablosu kullanarak C150BRS4'ü geniş bant modeminize bağlayın.
C150BRS4'ün ön tarafındaki WAN LED'i yanar.

Not: Ön taraftaki WAN LED'i yanmazsa:
- C150BRS4'e güç geldiğinden (güç LED'i yanmalıdır),
- Geniş bant modemin açık olduğundan,
- Her iki cihaz arasındaki ağ (LAN) kablosunun doğru bağlandığından emin olun.

3.2 LAN bağlantı noktası (noktaları)

Ağ (LAN) kablosunu C150BRS4'ün arka panelinde yer alan 4 LAN bağlantı noktasından birine ve bilgisayarınızın ağ kartına takın.
Kullanılan LAN bağlantı noktasının LAN LED'i yanar, bu da bilgisayarın bağlandığını gösterir. (Bilgisayarınız açık olmalı ve LAN bağlantısı etkin olmalıdır).

4. Bilgisayarın yapılandırılması

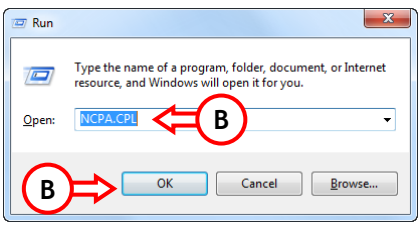
4.1 IP adresinin yapılandırılması

C150BRS4 yerleşik bir DHCP sunucusuna sahiptir. Bağlantı kurulan bilgisayar otomatik olarak bir IP adresi alacak şekilde yapılandırılmışsa, DHCP sunucu tarafından her bilgisayara otomatik olarak bir IP adresi atanır.

Çoğu bilgisayar varsayılan olarak otomatik IP adresi alacak şekilde yapılandırılmıştır. Böyle değilse, aşağıdaki talimatları izleyerek bilgisayarınızı otomatik IP adresi alacak şekilde yapılandırmanız gerekecektir.

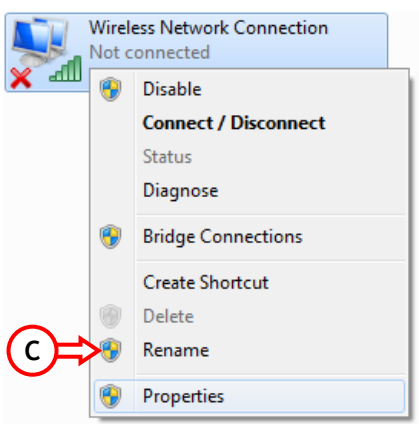
A. **'Start'** (Başlat)'a tıklayın, **'All Programs'** (Tüm Programlar), **'Accessories'** (Donatılar)'a gidin ve **'Run'** (Çalıştır)'ı seçin.

B. **'NCPA.CPL'** komutunu girin ve **'OK'** (Tamam) düğmesine tıklayın.



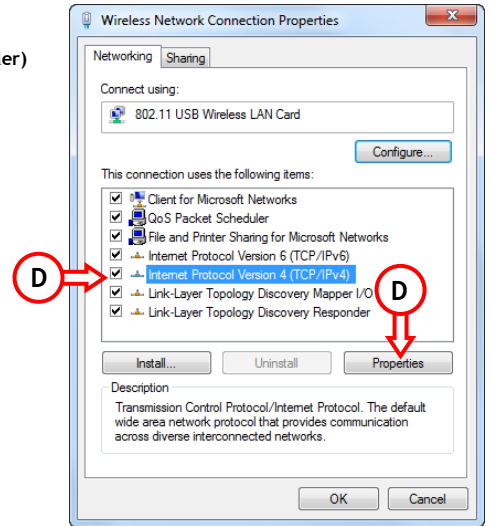
"Network Connections" (Ağ Bağlantıları) penceresi ekrana gelecektir.

C. **'Local Area Connection'** (Yerel Ağ Bağlantısı) veya **'Wireless Network Connection'** (Kablosuz Ağ Bağlantısı) üzerine (kullandığınız bağlantıya göre) sağ tıklayın ve **'Properties'** (Özellikler)'i seçin.



Yerel Ağ Bağlantınızın veya Kablosuz Ağ Bağlantınızın özellikler penceresi ekrana gelecektir.

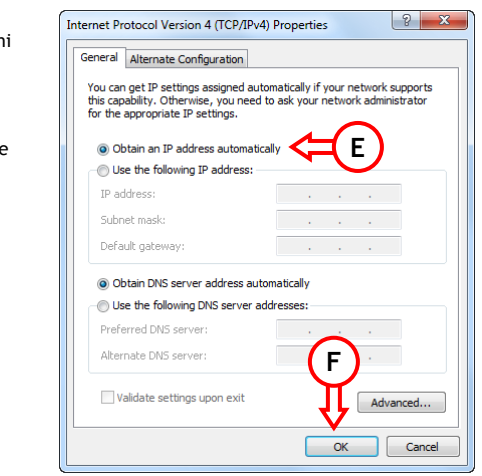
D. **'Internet Protocol Version 4 (TCP/IPv4)'** (Internet Protokolü sürüm 4 (TCP/IPv4)) seçeneğini seçin ve **'Properties' (Özellikler)** düğmesine tıklayın.



Internet Protokolü Sürüm 4 (TCP/IPv4) özellikler penceresi ekrana gelir.

E. **'Obtain an IP address automatically'** (Otomatik olarak bir IP adresi al) seçeneğini seçin ve ayarları kaydetmek için **'OK' (Tamam)** düğmesine tıklayın.

F. Ayarları kaydetmek için Internet Protokolü Sürüm 4 (TCP/IPv4) Özellikler penceresinde **'OK'** (Tamam)'a tıklayın.



4.2 Bağlantının kontrol edilmesi

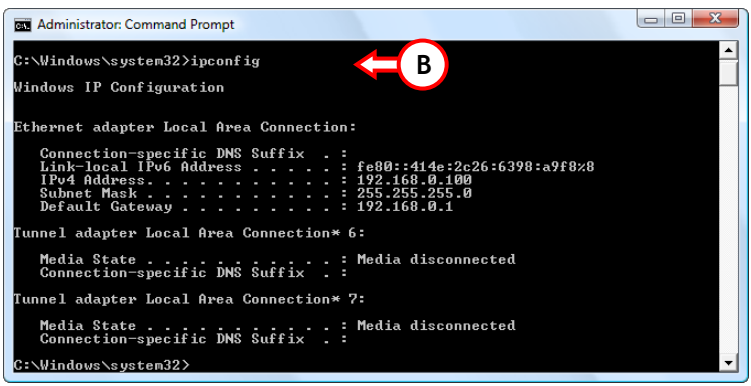
Windows **'Command Prompt'** (Komut İstemi) ile Yerel Ağ Bağlantınızda veya Kablosuz Ağ Bağlantınızda doğru IP adresi alıp almadığınızı doğrulayabilirsiniz. Bu örnek Windows 7 ve Vista Service Pack 1'e göre verilmiştir. Windows 7 ve Vista aşağıdaki adımları gerçekleştirmek için yönetici haklarına sahip olması gerekir.

A. **'Start'** (Başlat), **'All Programs'** (Tüm Programlar), **'Accessories'** (Donatılar)'a tıklayın, **'Command Prompt'** (Komut İstemi) üzerine sağ tıklayın ve **'Run as administrator'** (Yönetici olarak çalıştır)'ı seçin.

Bir uyarı mesajı alırsanız **'Continue'** (Devam) veya **'Yes'** (Evet)'e tıklayarak kabul etmeniz gerekecektir.

Komut İstemi penceresi ekrana gelir. **'Command Prompt'** (Komut İstemi) başlık çubuğunda **"Administrator: Command Prompt** (Yönetici: Komut İstemi)" yazdığından emin olun. "Administrator (Yönetici)" yazmıyorsa, bu adımlar için gerekli yönetici haklarına sahip değilsiniz demektir ve A adımını tekrar gerçekleştirmeniz gerekir.

B. **"IPCONFIG"** komutunu girin ve klavyenizde **"ENTER"** tuşuna basın.

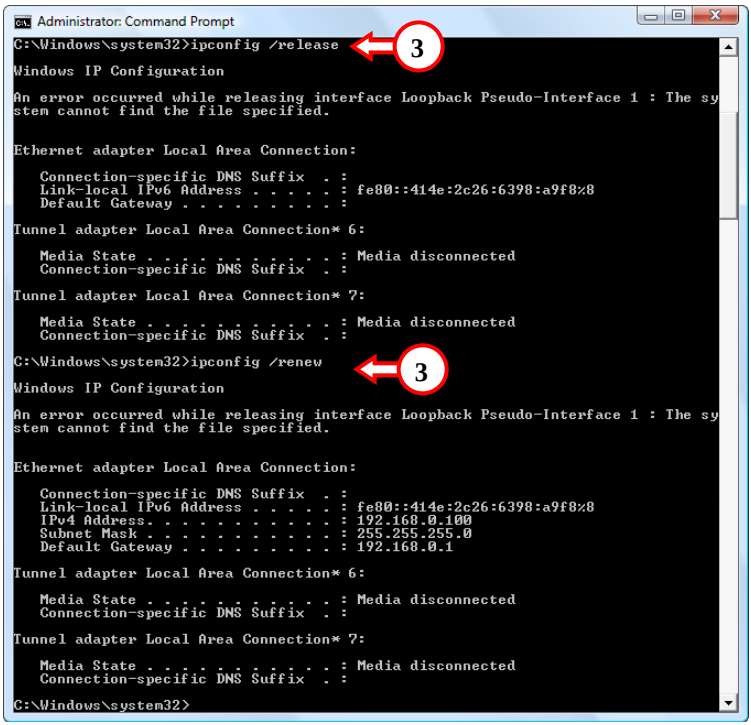


Aşağıdaki bilgileri görmelisiniz:
IPv4 Address (IPv4 Adresi) **: 192.168.0.xxx** (buradaki **xxx** değeri **100 ~ 199** arasında değişebilir).
Subnet Mask (Alt Ağ Maskesi) **: 255.255.255.0**
Default Gateway (Varsayılan Ağ Geçidi) **: 192.168.0.1**

Yukarıdaki bilgiler yapılandırmanızla eşleşiyorsa, **bölüm 5**'te yönlendiricinin yapılandırılması konusuna geçebilirsiniz.

Yukarıda gösterilen bilgiler yapılandırmanızla eşleşmiyorsa (örn. IP adresiniz 169.254.xxx.xxx) aşağıdaki adımları izlemeniz gerekir:

1. Yönlendiricinin güç bağlantısını çıkarın ve tekrar takın.
2. Ağ kablosunu yönlendirici ve bilgisayarınızdan çıkarın ve tekrar takın.
3. Aşağıdaki komutlarla bilgisayarınızın IP adresini yenileyin:
   - **'IPCONFIG /RELEASE'** : bu komut yanlış IP adresini serbest bırakır
   - **'IPCONFIG /RENEW'** : bu komut IP adresini yeniler



Yukarıdaki adımlar IP adresi sorununu çözmezse, cihazın arkasında bulunan reset düğmesiyle cihazı fabrika varsayılan değerlerine sıfırlayabilirsiniz.
Güç LED'i yanıp sönmeye başlayıncaya kadar reset düğmesine basın ve basılı tutun (yaklaşık 10 saniye). Bu işlem yönlendiriciyi yeniden başlatır ve yönlendiriciyi fabrika varsayılan değerlerine geri yükler.
Güç LED'i tekrar sabit yandığında, IP adresinizi yenilemek için B adımını tekrarlayın.

Not: Sorun devam ederse, tüm kabloların doğru olarak takılıp takılmadığını kontrol edin. WAN bağlantı noktası modeme ve LAN bağlantı noktası bilgisayara bağlı olmalıdır. Yanlış bağlantı yapmanız durumunda doğru IP adresi de alamazsınız.

5. C150BRS4'ün yapılandırılması

Bu bölümde yerleşik kurulum sihirbazı kullanılarak C150BRS4'ün nasıl yapılandırılacağı anlatılmaktadır. Bu bölümdeki adımları yerine getirdikten sonra, yönlendiricinizin temel işlevlerinin kurulumu yapılmış olacaktır.

5.1 Oturum açma

C150BRS4'ün yapılandırması için web tabanlı bir arabirim kullanılır. C150BRS4'e bağlı ve web tarayıcısı olan herhangi bir bilgisayardan C150BRS4'ü yapılandırabilirsiniz.

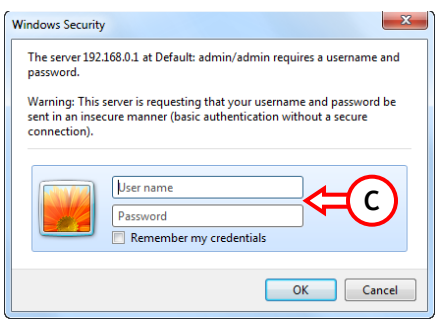
Not: Bazı ayarların yapılması sırasında bağlantının kopma olasılığı olduğu için C150BRS4'ü yapılandırırken kablosuz bağlantı kullanmamanız tavsiye edilir. Bu nedenle C150BRS4'e ağ kablosu ile bağlı olan bir bilgisayar kullanmanız özellikle tavsiye edilir.

C150BRS4'e oturum açmak için aşağıdaki adımları izleyin:

A. Web tarayıcısını açın (örn: Internet Explorer, FireFox, Safari veya Chrome).

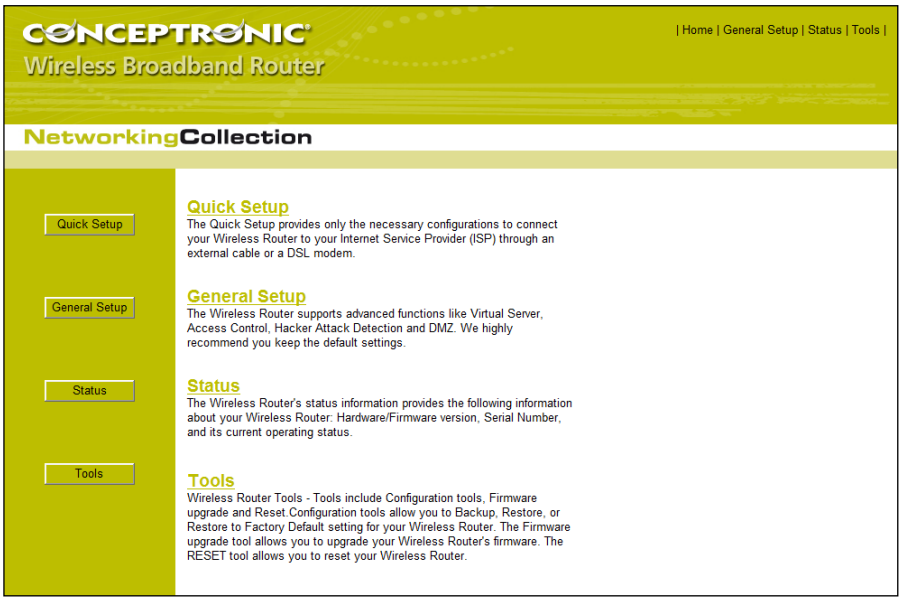
B. Yönlendiricinin IP adresini web tarayıcınızın adres satırına girin.
Varsayılan olarak : **http://192.168.0.1/**

Kullanıcı adı ve parola soran bir açılır pencere ekrana gelecektir.



C. Kullanıcı adı ve parolayı yazdıktan sonra web tabanlı yapılandırmaya girmek için '**OK**' (Tamam)'a tıklayın.
Varsayılan kullanıcı adı : **admin**
Varsayılan parola : **admin**

Kullanıcı adı ve parola doğru olduğunda yönlendirici ana sayfası ekrana gelecektir:



Ana sayfadan C150BRS4 web yapılandırmasındaki dört ana seçenekten birini seçebilirsiniz:

- **Quick Setup** : C150BRS4'ün ilk kullanım ayarlarını hızlı bir şekilde yapın (**bölüm 5.2**'de açıklanmıştır)
- **General Setup**: Gelişmiş seçeneklerini değiştirin (**bölüm 5.3**'te açıklanmıştır)
- **Status** : Yönlendiricinin durumunu, bağlı istemcileri ve günlük dosyalarını kontrol edin
- **Tools** : Yapılandırmayı yedekleyin, ürün yazılımını yükseltin veya yönlendiriciyi yeniden başlatın

Not: Herhangi bir anda sayfanın sağ üst köşesindeki dört seçenekten birini (Quick Setup hariç) seçmeniz mümkündür. **'Home'** seçeneğine tıklayarak ana sayfaya da dönebilirsiniz.

5.2 Hızlı kurulum sihirbazı

'Quick Setup' (Hızlı Kurulum) sihirbazı C150BRS4'ün temel ayarlarını adım adım yapmanıza rehberlik eder.

Not: Hızlı Kurulum sihirbazına başlamadan önce, İnternet bağlantı ayarlarınız ile ilgili mevcut tüm bilgilere sahip olduğunuzdan emin olun.
Örneğin: bağlantı tipi, hesap bilgileri vb.)

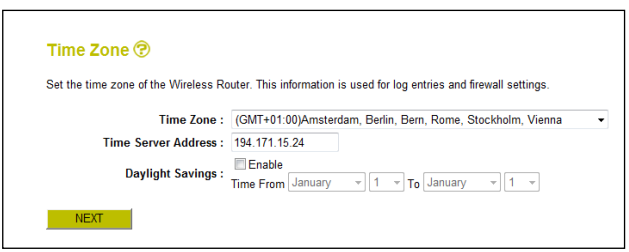
Not: Bu bölümde şu husus geçerlidir: Hangi seçeneği seçeceğinizi bilmiyorsanız veya gerekli bilgilere sahip değilseniz, İnternet bağlantınıza ait belgelere müracaat etmeniz veya İnternet servis sağlayıcınızla (bundan sonra ISP olarak anılacaktır) irtibata geçmeniz gerekir.

A. Ana sayfada **'Quick Setup'** üzerine tıklayın.

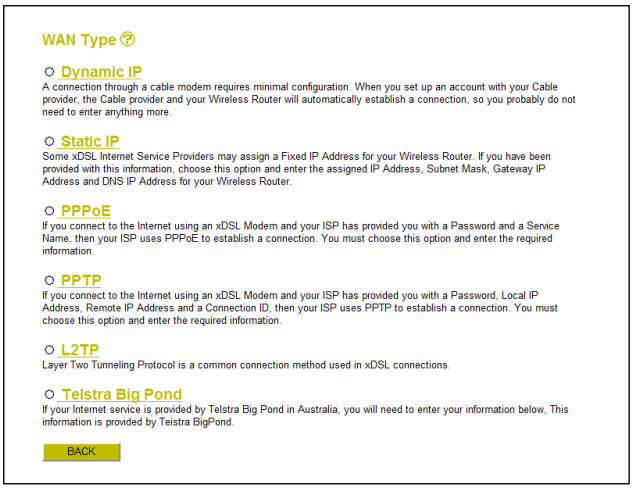
B. Sistem yönetimi amacıyla, sistem günlüklerinde doğru zaman damgalarına (time stamps) sahip olmak için doğru saat ayarı yapmak çok önemlidir.

Doğru saat dilimini seçin ve isteğe bağlı olarak zaman sunucusu adresini değiştirin ve/veya yaz saati uygulamasını etkinleştirin.

Tamamlandığında, devam etmek için **'Next'** (İleri) düğmesine tıklayın.



C. ISP ayarlarınıza uygun WAN Tipini seçin.

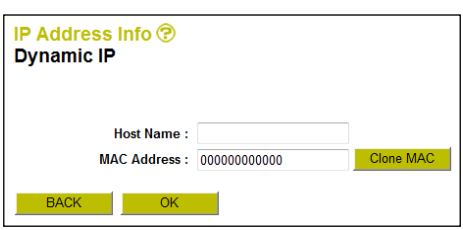


1. Dynamic IP

Bazı ISP'ler bağlantıları için özel bir ana bilgisayar adı gerektirmektedir. Bu durum bağlantınıza uygulanıyorsa, buraya ana bilgisayar adı girmelisiniz.

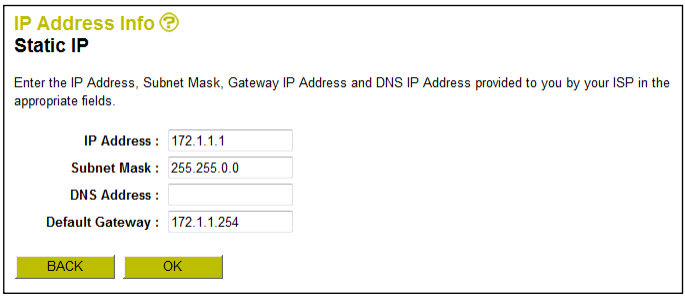
Bazı ISP'ler İnternete bağlanmak için sadece bir özel MAC adresine izin verir. Bu durumda, **'Clone MAC'** (MAC kopyala) düğmesine tıklayarak İnternete bağlanmak için kullandığınız bilgisayarın MAC adresini kopyalayabilir veya MAC adresini manuel olarak girebilirsiniz.

Tamamlandığında, devam etmek için **'OK'** (Tamam) düğmesine tıklayın.



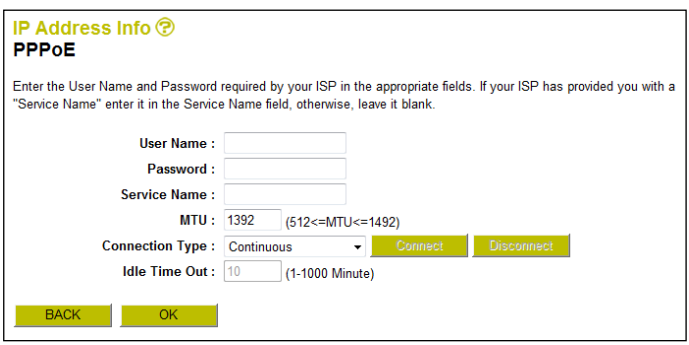
2. **Static IP**
ISP tarafından verilen Statik IP ayarlarını ilgili alanlara girin.

Tamamlandığında, devam etmek için '**OK**' (Tamam) düğmesine tıklayın.



3. **PPPoE**
ISP tarafından verilen PPPoE ayarlarını ilgili alanlara girin.

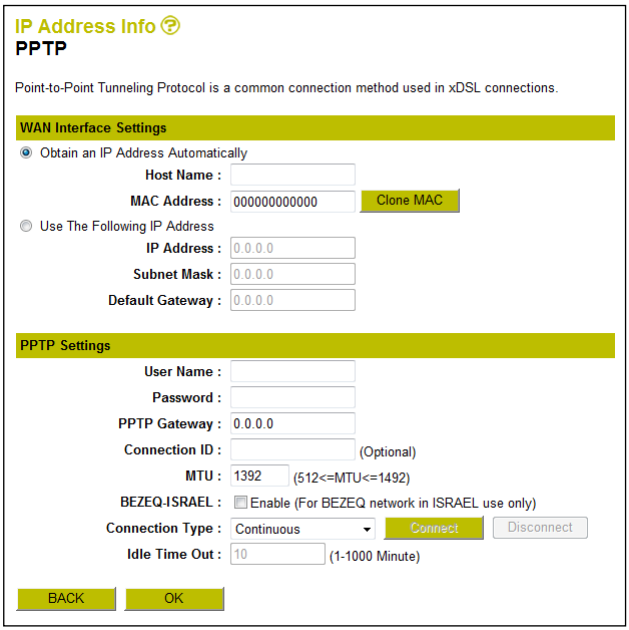
Tamamlandığında, devam etmek için '**OK**' (Tamam) düğmesine tıklayın.



4. PPTP

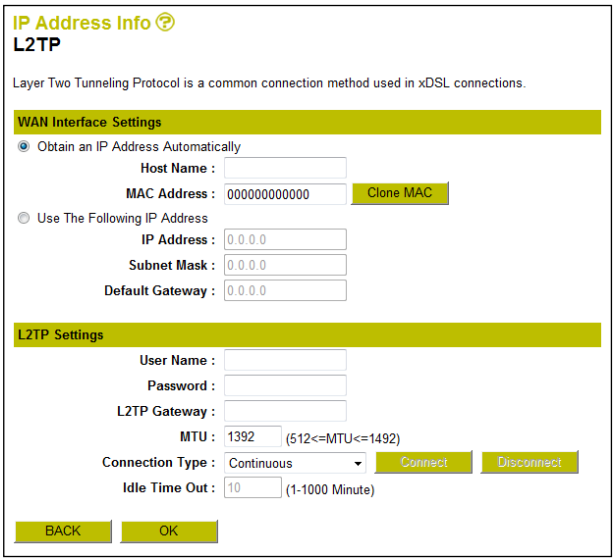
ISP tarafından verilen PPTP ayarlarını ilgili alanlara girin.

Tamamlandığında, devam etmek için '**OK**' (Tamam) düğmesine tıklayın.



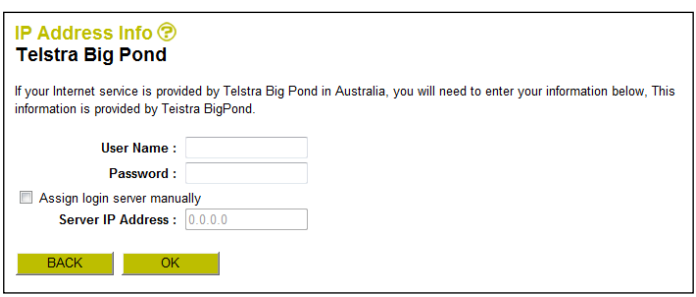
5. **L2TP**
ISP tarafından verilen L2TP ayarlarını ilgili alanlara girin.

Tamamlandığında, devam etmek için '**OK**' (Tamam) düğmesine tıklayın.



6. **Telstra Big Pond**
Kullanıcı adı ve parolayı girin, gerektiğinde manuel olarak bir sunucu IP adresi atayın.

Tamamlandığında, devam etmek için '**OK**' (Tamam) düğmesine tıklayın.



D. Ayarlar otomatik olarak kaydedilir.
Yönlendiriciyi yeniden başlatmak için **'Apply'** (Uygula) düğmesine tıklayın.

Not: C150BRS4'ün yapılandırmasındaki ayarları değiştirirken şu iki seçenek arasında seçim yapmanız istenir:

- **Continue** : Değişiklik yapmaya devam et (değişiklikler henüz kaydedilmez).
- **Apply** : Tüm değişiklikleri yapılandırmaya kaydederek ve yönlendiriciyi yeniden başlatarak uygula.

Not: Varsayılan olarak, C150BRS4'ün kablosuz ağ güvenliği WPA-PSK/WPA2-PSK (karma mod) şifreleme ile sağlanmıştır. Bu da, kablosuz ağ güvenliğini manuel olarak sağlamak zorunda kalmayacağınız anlamına gelir. C150BRS4'ün güvenlik ayarlarını manuel olarak değiştirmek isterseniz, **bölüm 5.3**'e bakın.

5.3 Gelişmiş ayarlar

Bu hızlı kurulum kılavuzunda C150BRS4'ü hazırlama ve çalıştırma ile ilgili temel ayarlar açıklanmaktadır. Gelişmiş ayarlar veya daha ayrıntılı bilgi için, lütfen birlikte verilen ürün CD-ROM'undaki kullanıcı kılavuzuna (Sadece İngilizce) bakın.

Ürün CD-ROM'unu optik sürücünüze yerleştirin, otomatik çalıştırma menüsünün ekrana gelmesini bekleyin ve **'View User Manual'** (Kullanıcı Kılavuzunu Görüntüle)'yi seçin.

Not: Kullanıcı kılavuzunu görüntülemek için, Adobe Reader programının kurulu olması gerekmektedir. Bu program bilgisayarınızda yüklü değilse, otomatik çalıştırma menüsünden **'Install Adobe Reader'** (Adobe Reader Programını Kur) seçeneğini seçebilirsiniz.

Conceptronic 150N Kablosuz Yönlendiriciniz kullanıma hazırdır!

6. Kablosuz ağ bağlantısı

C150BRS4'e kablosuz bağlanmak için iki farklı yol vardır:
- Manuel olarak.
- WPS işlevini kullanarak otomatik.

! ÖNEMLİ NOT!
C150BRS4'ün güvenliği varsayılan olarak WPA-PSK/WPA2-PSK (karma mod) şifreleme ile sağlanmaktadır. Benzersiz WPA parolası C150BRS4'ün altında yer alan ürün etiketinde bulunabilir.

Hemen hemen tüm marka/tür kablosuz kartlar farklı bir istemci uygulaması kullanır. Lütfen kablosuz ağ bağlantısının nasıl oluşturulacağı ile ilgili bilgi için kablosuz ağ kartınızın kullanım kılavuzuna müracaat edin.

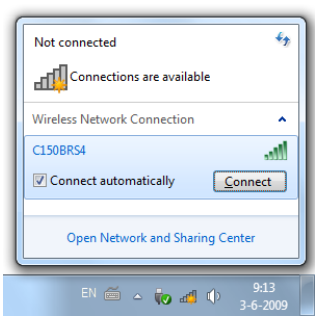
6.1 Windows 7'de manuel bağlantı

Aşağıdaki örnekte Windows 7'de tümleşik **"Connect to a Network"** (Bir Ağa Bağlan) seçeneği kullanılmıştır.

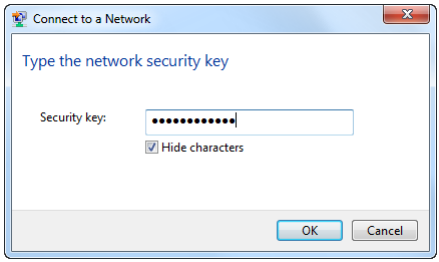
A Kullanılabilir kablosuz ağ bağlantılarının listesini görüntülemek için görev çubuğundaki '**Network**' (Ağ) simgesine tıklayın.

B Listeden **"C150BRS4"** ağını seçin ve '**Connect**' (Bağlan) düğmesine tıklayın.

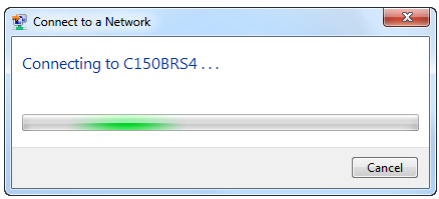
Varsayılan olarak **"Connect automatically"** (Otomatik olarak bağlan) seçeneği işaretlidir. Böylece bilgisayarınızı her açtığınızda bağlantının otomatik olarak yapılması sağlanmış olur. Bunu istemiyorsanız, '**Connect**' (Bağlan) düğmesine tıklamadan önce bu seçeneğin işaretini kaldırın.



C **"Security key"** (Güvenlik anahtarı) alanına varsayılan WPA parolasını (C150BRS4'ün alt tarafında yazılıdır) girin ve **'OK'** (Tamam) düğmesine tıklayın.



D İstemci, kablosuz ağa bağlanmaya başlayacaktır.

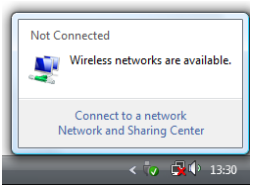


E Kablosuz bağlantının durumunu kontrol etmek için, görev çubuğundaki **'Network'** (Ağ) simgesi üzerine tıklayabilirsiniz. Hangi ağa bağlı olduğunuzu, sahip olduğunuz erişimi ve bağlantının sinyal gücünü görebilirsiniz.

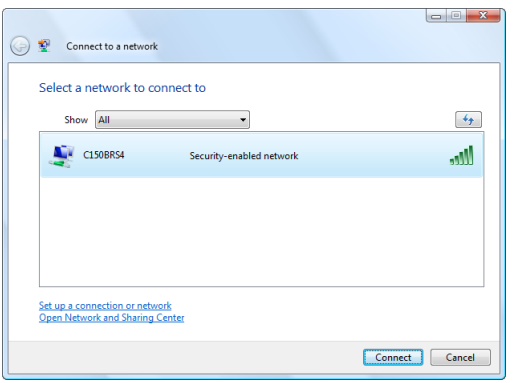
6.2 Windows Vista'da manuel bağlantı

Aşağıdaki örnekte Windows Vista Service Pack 1'de tümleşik **"Connect to a Network"** (Bir Ağa Bağlan) seçeneği kullanılmıştır.

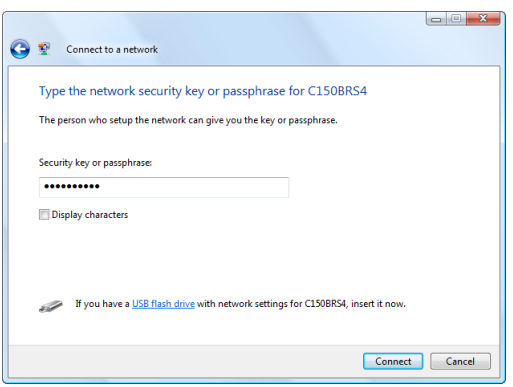
A Sistem tepsisindeki **'Network'** (Ağ) simgesine ve **"Wireless networks are available"** (Kablosuz ağlar var) yazısı üzerine tıklayın.



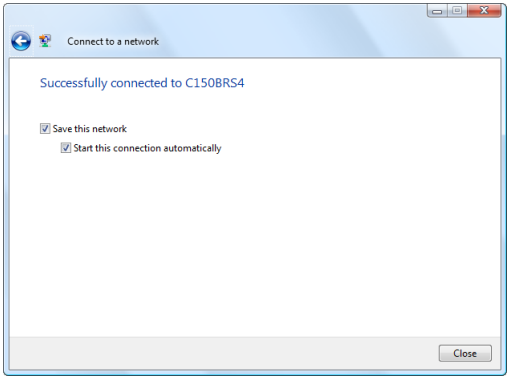
B Listeden **"C150BRS4"** ağını seçin ve **'Connect'** (Bağlan) düğmesine tıklayın.



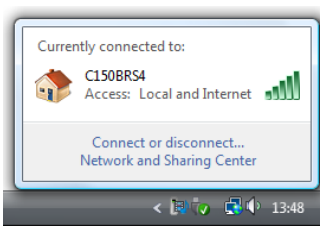
C **"Security key or passphrase"** (Güvenlik anahtarı veya parola) alanına varsayılan WPA parolasını (C150BRS4'ün alt tarafında yazılıdır) girin ve **'Connect'** (Bağlan) düğmesine tıklayın.



D Bağlantı gerçekleştirildiğinde, ağı kaydetmeyi seçebilir ve bilgisayarınızı her açışta bu ağı otomatik olarak başlatabilirsiniz. Bağlantı sihirbazından çıkmak için **'Close'** (Kapat) düğmesine tıklayın.



E Kablosuz bağlantının durumunu kontrol etmek için, sistem tepsisindeki **'Network'** (Ağ) simgesi üzerine tıklayabilirsiniz. Hangi ağa bağlı olduğunuzu, sahip olduğunuz erişimi ve bağlantının sinyal gücünü görebilirsiniz.



6.3 WPS kullanarak otomatik bağlantı

Conceptronic C150BRS4, WPS (Wi-Fi Protected Setup-Kablosuz Korumalı Kurulum)'u destekler. WPS, kablosuz ağların kolay ve güvenli bir biçimde oluşturulması için kullanılan bir standarttır. WPS ile kablosuz ağınızı birkaç kolay adımda kurabilir ve koruyabilirsiniz.

Not: WPS'i C150BRS4 ile kullanmak için, WPS desteği olan kablosuz bir istemciye sahip olmanız gerekir. WPS desteği olmayan bir veya daha çok kablosuz istemcilere sahipseniz, alt kısımda bahsedilen ön yapılandırmalı WPA anahtarını kullanarak C150BRS4'e manuel olarak bağlanmanız önerilir. Kablosuz ağa manuel olarak nasıl bağlanacağınız ile ilgili **bölüm 6.1** veya **6.2'**ye müracaat edin.

Not: WPS hakkında daha fazla (teknik) bilgi için, aşağıdaki web sitesini ziyaret edin: http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

C150BRS4, bir WPS bağlantısını etkinleştirmek ve oluşturmak için iki yol kullanır:
- **Push Button (Puş Buton) teknolojisi**
- **PIN Kodu teknolojisi**

WPS – Push Button (Puş Buton) teknolojisi

WPS Puş Buton teknolojisi, C150BRS4 ve kablosuz istemci arasında bir bağlantı oluşturmak için kablosuz istemcide bir (sanal) butona ihtiyaç duyar.
Bazı kablosuz istemciler WPS Puş Buton teknolojisini etkinleştirmek için gerçek bir buton kullanır; diğer kablosuz istemciler yazılımlarında sanal buton kullanırlar.

Puş Buton teknolojili bir WPS bağlantısı oluşturmak ve etkinleştirmek için aşağıdaki adımları izleyin:

A. C150BRS4'ün arkasındaki WPS düğmesine basın, WLAN/WPS LED'i sabit olarak yanacak ve WPS kimlik doğrulamasının başladığını gösterecektir.

B. Kablosuz istemcideki WPS butonuna basın. Bu buton, donanımsal bir buton ya da kablosuz istemcinin yazılımındaki sanal bir buton olabilir.

Not: C150BRS4 tarafından WPS kimlik doğrulama işlemi 120 saniye boyunca aktif tutulacaktır. Bu işlem sırasında WLAN/WPS LED'i sabit olarak yanacaktır. 120 saniye içinde WPS bağlantısı kurulamazsa, LED orijinal durumuna döner ve WPS kimlik doğrulaması durdurulur.

WPS kimlik doğrulaması başarılı olursa, WLAN/WPS LED'i orijinal durumuna döner.

Kablosuz istemci böylece C150BRS4'ün güvenli kablosuz ağına bağlanmış olur.
Önceden bağlanan kablosuz istemcilerle olan bağlantınızı kaybetmeden daha fazla kablosuz istemci eklemeniz mümkündür. Daha fazla kablosuz istemci eklemek isterseniz, **A** ve **B** adımlarını tekrarlayın.

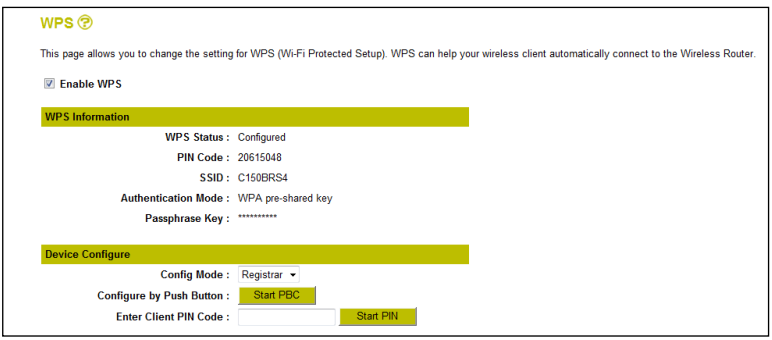
WPS – PIN Kodu teknolojisi

Kablosuz istemci WPS'i destekliyorsa fakat (sanal) Puş butona sahip değilse, WPS bağlantısı oluşturmak için PIN Kodu teknolojisini kullanabilirsiniz.

Not: WPS PIN Kodu işlevini etkinleştirmek için, C150BRS4'e kablolu olarak bağlı bir bilgisayara ihtiyacınız olacaktır.

A. **Bölüm 5.1**'de açıklandığı gibi web arabirimine oturum açın.
B. Önce '**General Setup**' (Genel Kurulum)'u, ardından '**Wireless**' (Kablosuz)'u ve '**WPS**'i seçin.

WPS yapılandırma sayfası ekrana gelecektir.

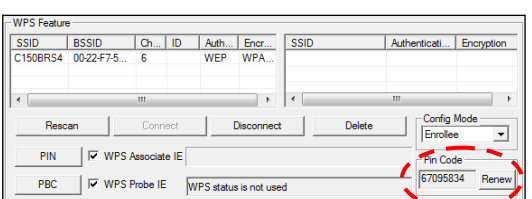


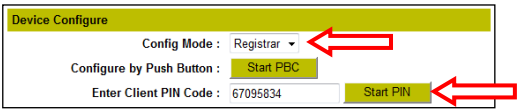
WPS yapılandırma sayfasında, sanal 'Push Button' veya 'PIN Code' kimlik doğrulamasını tetikleyebilirsiniz. 'PIN Code' kimlik doğrulaması 2 farklı şekilde başlatılabilir:

---

1. Kablosuz istemci PIN kodunu sağlar, bu kod yönlendiriciye girilecektir.
Bu durumda, kablosuz istemci 'Enrollee' (Kaydolan) ve yönlendirici 'Registrar' (Kaydeden) olacaktır.

A. Kablosuz istemciyi başlatın ve aşağıdaki örnekte gösterildiği gibi sağlanan PIN kodunu arayın:



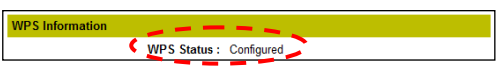


B. WPS yapılandırma sayfasındaki **"Config Mode"** ayarının **'Registrar'** yapıldığından emin olun.
C. Kablosuz istemciniz tarafından verilen PIN Kodunu **"Enter Client PIN Code"** alanına girin.
D. **'Start PIN'** düğmesine tıklayın.

C150BRS4, verilen PIN kodu ile 120 saniye boyunca gelen bağlantılar için WPS kimlik doğrulamasını aktif tutacaktır.

E. Kablosuz istemcinizde PIN kodu bağlantısını başlatın.

Kablosuz istemciniz böylece C150BRS4'ün güvenli kablosuz ağına bağlanacaktır. Bağlantı kurulduğunda, C150BRS4 WPS kimlik doğrulama kontrolünü durdurur ve WPS yapılandırma sayfasındaki WPS Durumu **"Configured"** (Yapılandırıldı) olarak ayarlanır.



WPS özellikli daha fazla Kablosuz İstemci eklemek isterseniz, **A** ila **E** adımlarını tekrarlayın.

---

2. Yönlendirici PIN kodunu sağlar, bu kod kablosuz istemciye girilecektir.
Bu durumda, yönlendirici 'Enrollee' (Kaydolan) ve kablosuz istemci 'Registrar' (Kaydeden) olacaktır.

A. WPS yapılandırma sayfasında **"Config Mode"** seçeneğini **'Enrollee'** olarak ayarlayın ve **"PIN Code"** bölümünde bahsedilen PIN kodunu yazın.
B. **'Start PIN'** düğmesine tıklayın.

C150BRS4, üretilen PIN kodu ile 120 saniye boyunca gelen bağlantılar için WPS kimlik doğrulamasını aktif tutacaktır.

C. C150BRS4 tarafından sağlanan PIN kodunu kablosuz istemci yazılımınıza girin, kablosuz istemci yazılımını **'Registrar'** olarak ayarlayın ve PIN kodu bağlantısını başlatın.

Kablosuz istemciniz böylece C150BRS4'ün güvenli kablosuz ağına bağlanacaktır. Bağlantı kurulduğunda, C150BRS4 WPS kimlik doğrulama kontrolünü durdurur ve WPS yapılandırma sayfasındaki WPS Durumu **"Configured"** (Yapılandırıldı) olarak ayarlanır.

WPS özellikli daha fazla Kablosuz İstemci eklemek isterseniz, **A** ila **C** adımlarını tekrarlayın.

7. Bağlantı noktası eşleştirme

Ağınızda İnternetten gelen saldırıları önlemek için Conceptronic C150BRS4'te yerleşik bir güvenlik duvarı bulunmaktadır. Bu güvenlik duvarı, kullanılmayan bağlantı noktalarındaki tüm gelen trafiğini otomatik olarak engeller. Bir servis ya da uygulama için engellenen bir bağlantı noktasına ihtiyaç duyulduğunda (örneğin: bir FTP ya da Web sunucu) trafiği ilerletmek için yapılandırma sayfalarında bir Sanal Sunucu Kuralı oluşturabilirsiniz.

C150BRS4 ayrıca UPnP bağlantı noktası eşleştirmesini destekler, yerel UPnP uygulamalarının yönlendiricinin yapılandırmasına otomatik olarak bağlantı noktası eşleştirmeleri eklemesine olanak sağlar. Yani, bir UPnP özellikli uygulama kullanıyorsanız bu uygulama için C150BRS4 içinde manuel olarak Sanal Sunucu kuralı oluşturmanıza gerek yoktur.

UPnP'nin kullanılamadığı veya herhangi bir nedenle bir Sanal Sunucu kuralının eklenmesi gerektiği durumlarda, bilgisayar(lar) ve/veya ağ aygıt(lar)ının dinamik IP adresi yerine sabit bir IP adresi ile yapılandırılması önerilir.

Aşağıda en yaygın kullanılan bağlantı noktalarının bir listesini ve bu bağlantı noktalarına karşılık gelen uygulamayı bulacaksınız:

Bağ. Noktası	Uygulama	Bağ. Noktası	Uygulama
20	FTP verisi (FTP sunucu)	**80**	HTTP (Web sunucusu)
21	FTP verisi (FTP sunucu)	**110**	POP3 (Posta Sunucusu – gelen)
22	SSH (Secure shell-Güvenli Kabuk)	**2000**	Remotely Anywhere (Uzaktan Erişim)
23	Telnet	**5800**	VNC
25	SMTP (Posta sunucusu – giden)	**5900**	VNC

Daha fazla bağlantı noktası ve karşılık gelen uygulamalar için, bkz. http://portforward.com/cports.htm.

Not: Sanal sunucu ve DMZ seçenekleri ile ilgili ayrıntılı bilgi için, ürün CD-ROM'undaki kullanıcı kılavuzuna (Sadece İngilizce) bakın. Otomatik çalıştırma menüsünden **"View User Manual"** (Kullanıcı Kılavuzunu Görüntüle)'yi seçin.

A. **Bölüm 5.1**'de açıklandığı gibi web arabirimine oturum açın.

B. Sanal sunucu yapılandırma sayfasını açmak için '**General Setup**' (Genel Kurulum), '**NAT**' ve '**Virtual Server**' (Sanal Sunucu) seçeneğini seçin.

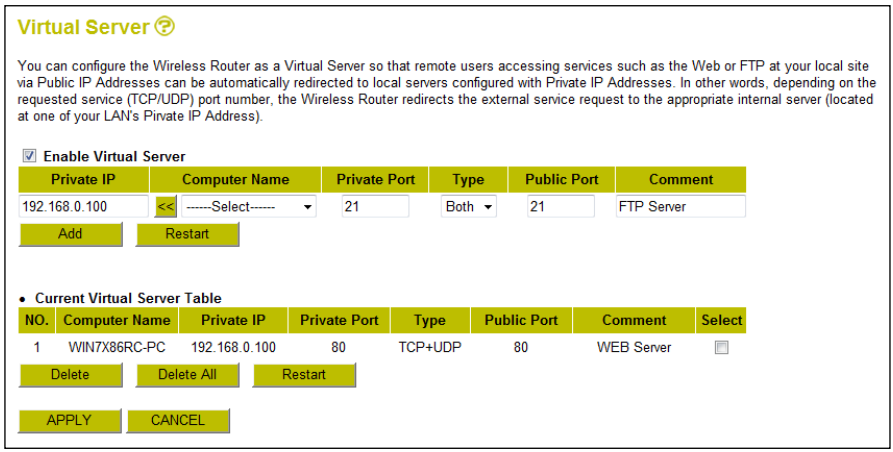
C. '**Enable Virtual Server**' (Sanal Sunucuyu Etkinleştir)'in önündeki onay kutusunu işaretleyerek sanal sunucuyu etkinleştirin.

D. Aşağıdaki alanlara sanal sunucu kuralı için gerekli bilgileri girin:
- **Private IP** : Bilgisayar/aygıtın yerel IP adresini girin.
- **Private Port** : Bilgisayar/aygıt için arzu edilen yerel bağlantı noktasını girin.
- **Type** : Geçmesi gereken ağ trafiği türünü seçin.
- **Public Port** : İnternet bağlantınızın dışında görünür olması gereken bağlantı noktasını girin.
- **Comment** : İsteğe bağlı olarak, sanal sunucu kuralını kolayca tanılamak için bir ad ekleyebilirsiniz.

Not: Bilgisayar/aygıt yönlendiriciye bağlandığında '**Computer Name**' (Bilgisayar Adı) altında açılır listeden adı da seçebilir ve IP adresini otomatik olarak eklemek için '**<<**' düğmesine basabilirsiniz.

E. Sanal sunucu kuralını sanal sunucu tablosuna eklemek için '**Add**' (Ekle) düğmesine tıklayın.

Not: Aşağıdaki resimde sanal sunucu yapılandırmasına bir örnek göreceksiniz.



Not: Sanal sunucu kuralınız için hangi protokolu (‘**Type**’) seçmeniz gerektiğini bilmiyorsanız, ‘**Both**’ (Her ikisi)’ni seçin. Bu seçenek, yapılandırılan IP adresi içinden hem TCP hem de UDP trafiğini geçirecektir.

F. Sanal sunucu kuralları eklemeyi bitirdiğinizde, ayarları kaydetmek için ‘**APPLY**’ (UYGULA) düğmesine tıklayın. Bir sonraki sayfada, yönlendiriciyi yeniden başlatmak için **‘APPLY’** (UYGULA) düğmesine tekrar tıklayın.

Yönlendirici yeniden başlatıldıktan sonra, tüm ayarlar etkin olur ve sanal sunucu kuralları uygulanır.

Tanımlanan sanal sunucu kuralları kullanıma hazırdır

Not: C150BRS4 özellikleri ve ayarları ile ilgili ayrıntılı bilgi için, lütfen birlikte verilen ürün CD-ROM’undaki kullanıcı kılavuzunu (Sadece İngilizce) okuyun. Otomatik çalıştırma menüsünden **“View User Manual”** (Kullanıcı Kılavuzunu Görüntüle)’yi seçin.

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Availability of source code

Conceptronic. has exposed the full source code of the GPL licensed software, including any scripts to control compilation and installation of the object code. All future firmware updates will also be accompanied with their respective source code. For more information on how you can obtain our open source code, please visit our web site.

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Version 2, June 1991

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, 1 April 1989
Ty Coon, President of Vice

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